

MODIFIED LEVY

Continued from front page

ers carie blanche over whether they will absorb the levy or pass it on, and whether they will register with the Industry Organisation or not," James Devereux of Incept tells *PN*.

Peter Davis Incept chief executive tells *PN*: "Incept fears that the cost of administering the proposed scheme may be out of all proportion to

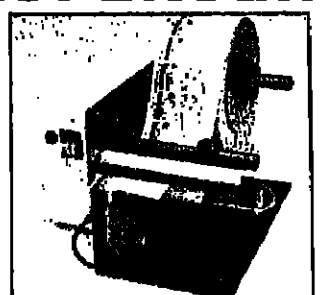
the amount collected for recovery and recycling measures.

"By raising the levy at different points in the distribution chain the opportunity to create an easily recognised consumer symbol such as the Green Dot on the Continent is lost. With no sign on packed goods the scheme loses the chance to create much needed consumer awareness about the recovery and recycling being undertaken," says Mr Davis.

STOP PRESS

LABEL DISPENSER

- Suitable for computer printed or commercial labels.
- Will accept rolls or fanfold labels.



3D DONALDSON DESIGN & DEVELOPMENT SERVICES
95a Market Street, Hyde, Cheshire SK14 1HL.
Telephone: 061 351 1433

AIR BUBBLE OR FOAM BAGS, SHEETS & ROLLS

FOR FAST RELIABLE SERVICE CONTACT:

P.H. FLEXIBLE PACKAGING

BOARDMAN INDUSTRIAL ESTATE
SWADLINCOTE, DERBYSHIRE, DE11 9DL
TELEPHONE 0283 551050

Also suppliers of postal bags and a wide range of polythene packaging materials

The ServisPak Product Range...

MIDLANDS 0543 410041
SOUTHERN 0491 834000
Corrugated cases, Polythene packaging, all your packaging requirements



PHONE NOW FOR YOUR FREE POSTER

VEEBOARD

LOW COST EDGE PROTECTION

For details and samples ring:

0244 520400



NEWS

Padded postal bag benefits

Changes to padded bags from Jiffy Packaging Company Ltd and other postal bags in its range have been made to give users added benefits including the option of self sealing.

Research carried out on behalf of Jiffy in both the consumer and commercial markets showed that key issues for users were the protection that the padded bags were known to offer, but also bag closing, opening for reuse, the type and size of objects each bag was suitable for as well as print and graphics.

While the padded postal bags were seen as providing the best protection, sealing the pack for peace of mind was a major concern. Now, on selected padded bags and Mailmiser kraft and plastics bubble lining bags a specially strong adhesive is used for security and user reassurance. As one consumer interviewed put it: "If the glue were good enough we wouldn't

END OF LINE SOLUTION

Continued from front page

monomaterial pc film and board blanks are used. The decision to repack the product for transit reflected a surge in the popularity of fruit flavoured teas in the Netherlands. Initially, the system used hot air to seal stretch film around the cartons and U-card, but replacing this with a stretch, envelope-fold and heat seal combination has led to a reduction in energy consumption by three-quarters, says Sollas (Unit 12, Ardglan Industrial Estate, Whitechurch, Harris RG28 7BB - tel: 0256 896930, fax: 896665).

Options with the U-card include a minimal quantity of board - B-flute is used - sufficient to keep the cartons in place or enough board on one side to reach the full height of the col-



Jiffy bags: key for the user is protection given by the padded bags have to staple them."

Since the external dimensions of the bag may not give a clear indication of the internal capacity, recommendations coming out of Jiffy's research also included giving clear guidance to users. Bags now display dimensions, such as A4, and in some cases suggested uses.

In the Mailmiser range, there is a series of dedicated sizes - indicated on the back

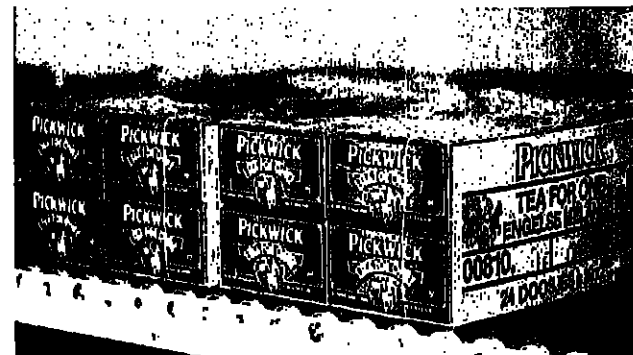
with symbols - for cds, video, audio and camcorder tapes, explains Jiffy (Industrial Estate, Winsford, Ches CW7 3QR - tel: 01606 551221, fax: 592634).

Although the padded bags have always been reusable, it was clear that recipients needed more guidance as to how best to open them with reuse in mind. It was also felt that the monomaterial content of the

related cartons, in one or two layers. This option clearly gives much greater support on the pallet load, and the opportunity to include a logo or graphics.

Marketing advantages of the system include a possible open shelf fronting of the primary cartons. Perforations applied to the top reel of film mean that the collation can easily be stripped down by the retailer to leave a band deep enough to hold the collation together as an open display. Alternatively, the card can act as a chute for easy loading directly onto the shelf.

Douwe Egberts also uses integrated inkjet coding on the machine. Easy removal of the overwrapping, a minimal use of materials (with reduced packaging costs) and improved stackability are among other benefits enumerated by Sollas.



The Sollas end of line system is cost effective for teabag cartons

Training was given to Douwe Egberts operators at the machine manufacturer's Netherlands headquarters.

According to Pieter Oly, president of Sollas, Cartostretch is not only suitable for a light cartoned product such as tea. Other applications have included powdered milk, biscuits, soups and 1kg cartons of petfood, he tells *PN*.

padded bags - which are only with a minimum of 76 per cent recycled paper - could be highlighted, and a barcode specific to the type of bag included across the whole range.

Businesslike black

A more 'businesslike' black rather than the familiar red printing is now used, among other reasons to ensure that the barcode is scannable. Large volume users of the bags have the opportunity to specify single colour decoration of their own. The Jiffy logo is still there along with the company's address, and the basic gold colour of the bags was retained for the padded bags and, if required, the Mailmiser range.

Because they involve more complex production, Jiffy has had to increase prices by 15 per cent for the selfseal padded bags, says the company, part of the Bühlmann Tetraode group.

For further information K9 180 Call for details 0839 772268

PACKAGING NEWS

OCTOBER 1994

THE COMPLETE NEWS SERVICE FOR BUYERS OF PACKAGING EQUIPMENT, MATERIALS AND SERVICES

Reliable backup sells pallet robot systems

Installations of Bankside Industrial Engineers' UK-built palletising robot now include ICI Chemicals & Polymers and Lever Industrial, with quick commissioning and reliable backup cited as major advantages by these end users.

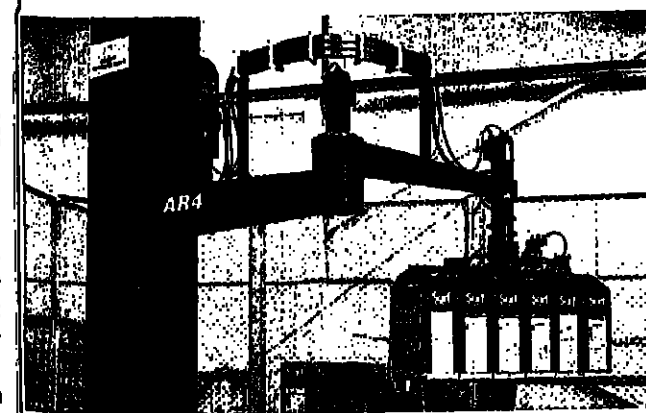
Bankside's AR4 Argonaut robot palletiser installed at Lever Industrial, Runcorn, is palletising 9kg, 10kg and 11kg cartons of Surf, Persil and Radion powdered detergent, moving six packs at a time. As the UK's only manufac-

turer of single column rotating articulated arm robot palletisers, Bankside has an advantage over some competitors in being able to give rapid support to customers, and Lever confirms that this influenced its purchase decision.

"During the project, nothing appeared to be too much trouble for Bankside," says Mike Turvill, production supervisor at Lever. System implementation of the AR4 took just one and a half days, according to project manager Colin Hart.

The earlier installation impressed ICI Billingham with the simplicity and consistency of the system. Both companies were influenced in their decision to look for a robot pal-

Continued on back page



Bankside AR4 Argonaut robot palletiser at Lever Industrial, Runcorn

Oxygen exclusion gives meat long life

Genuine controlled atmosphere packaging for meat, offering shelf life of up to 16 weeks for lamb, is now available in the UK, says New Zealand developer of the system Transpak.

Chill-Tec, as the technology is called, differs from other controlled atmosphere systems in rigorously excluding oxygen from the pack and replacing it with high purity CO₂, says Transpak, which is part of the Amcor group. "This is the most significant advance in the meat industry since the advent of vacuum packaging," says Paul Clarkson, market development manager at Transpak.

Typical shelf life using Chill-Tec is up to 10 weeks for poultry or pork and up to 20 weeks for beef.

Residual headspace oxygen after treatment in the in-chamber snorkel system is typically

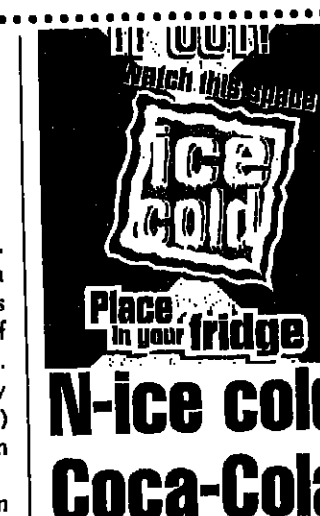
less than 300 parts per million. The received wisdom that a high purity CO₂ atmosphere is responsible for the bleaching of red meat has been questioned. New Zealand's Meat Industry Research Institute (MIRINZ) has identified residual oxygen as the cause of this.

Alternative systems, even with multiple flushing, do not have great success in removing all oxygen from packs and cannot achieve repeatable results, according to the company.

The coex barrier film used - also supplied through Transpak - is crucial to the success of the system, since it forms a real barrier to ingress of oxygen and loss of CO₂.

When the system was first developed in New Zealand, it was used for the shipping of lamb by sea to foreign markets, where transport by air would

Continued on back page



Place in your fridge

N-ice cold

Coca-Cola

This 'ohill zone panel' shown on a thermographic film label is described as "a fun and innovative way of encouraging consumers to store bottles in the fridge" and is now being produced by Printpack Europe. The panel is white at room temperature (warm) but reveals the words 'ice cold' in blue lettering after refrigeration.

inks are temperature sensitive within bands of 10deg C and can be used on labels and flexible packaging.

● Full report on page 7.



Lynx redesign: winning pack from Julie Wooller is in the foreground

Student design 'Lynx'

Swindon College student Julie Wooller took top prize in a design project set up between the Art and Design School, BPC Taylowe and Elida Gibbs.

The project involved Elida Gibbs' established Lynx brand and the redesign of its 200ml shower gel and 150ml body spray pack. Students had to make sure that the pack allowed at least part of the contents to be visible, that it could be easily erected and loaded by hand, and that it was economical from a unit price and a perceived environmental standpoint.

"We are delighted with the efforts from the students in response to the brief," says Kumar Abraham, packaging project manager at Elida

Gibbs. "Especially the winning pack which has the potential to go the whole way: a very masculine and radical design with a practical edge."

An award of £150 was up for grabs for any design feature selected by both BPC Taylowe and Elida Gibbs which proceeds to production.

Taylowe and Elida Gibbs both actively support closer links with educational establishments. Taylowe (Malvern Road, Furze Platt, Maidenhead, Berks SL6 7RE - tel: 0628 413333, fax: 413397) says that three former students of Swindon College are now working in its own design department.

● Full report on page 25.

For further information K10 169 Call for details 0839 772268

WHAT'S Inside

Packaging standards 4
Complaints received by the Packaging Standards Council have doubled in the last six months.

Best in Metal Awards 12
The Metal Packaging Manufacturers Association's awards celebrated ten successful years last month.

Meet the Association 17
British Glass outlines how it aims to become a leader in technical research excellence for the European glass industry.

Students show design pedigree 25
A BA (Hons) degree course has just been set up to complement the successful BEND Diploma Course at Swindon College as part of ongoing developments at the School of Art & Design.

FEATURES

Pack-Expo Preview 28-30
A guide to some of the equipment to be demonstrated at the PPMA show in Chicago next month.

PPMA Review 36-39
A record number of new machines were on show at the machinery-only exhibition last month.

REGULARS

Diary 10
People 22
It was Packaging News then 26
Marketing 32-33
Company News 41

CLASSIFIED ADS start on page 50
APPOINTMENTS start on page 67

BAGS OF STYLE

TAILOR MADE TO YOUR REQUIREMENTS!

For innovative polythene packaging made to 'suit' your needs, call SWAINS PACKAGING. We specialise in HIGH QUALITY yet LOW QUANTITY production of bags, socks, tubing, sleeves and envelopes.

With extrusion, print and conversion facilities on the one site we have the range and versatility to ensure a 'perfect fit' every time.

SWAINS PACKAGING
Brook Road • Buckhurst Hill • Essex SS2 5TU
Telephone 0181 504 9151 Fax: 0181 504 1892

Swains Packaging is a member of Jefferson Smurfit Group plc

Call on 0839 772268 or enquiry number K10-562



“In his chairman's review of the Packaging Standard Council's (PSC) Half Year Report, Lord Clinton-Davis says that it is now "well established as a reliable source of independent advice in the often confused and confusing world of packaging" (see page 4). He talks of the PSC's closer links established with consumer groups as well as a considerable presence in the media.

Bearing in mind this success, it is sad that in his report, Lord Clinton-Davis has to once again return to the subject of funding. The reduction in support from Incpen (The Industry Council for Packaging and the Environment) has now been confirmed and industry response to requests for funding is said to have been mixed.

"This is a parlous situation," says Lord Clinton-Davis. "The PSC has been welcomed by bodies ranging from government to packaging manufacturers and retailers and to environmental and consumer groups. Its role is consistent with the government's work on packaging, in particular the work on minimisation complements Mr Gummer's requirements for producer responsibility."

With the publication of the PSC's Code of Practice for the Packaging of Consumer Goods and an increasingly high profile, the PSC now needs to attract additional funds. Some additional funding has been secured from industry bodies and even an individual company, but to widen its activities, more money is required.

Contributors so far include the Alliance for Beverage Cartons in Europe, Wine & Spirits Association, Scotch Whisky Association, Metal Packaging Manufacturers Association, British Plastics Federation, British Carton Association and Plysu plc.

It is surely in everyone's interest for the PSC to not only continue its current programme but also to expand its activities. As packaging gains a higher profile in the media and general public's minds, the need for an independent body becomes more and more important. Yes, of course, government support would be an ideal solution, and one that consumer groups have tried to encourage, but the likelihood of this, as we all know, remote.

The PSC has demonstrated that it is a 'friend' to the consumer by not shirking from tackling companies to persuade them to improve 'bad' packaging. Let's face it, we all know it exists. But, and more importantly from the packaging chain's point of view, the PSC has also defended 'good' packaging to complainants.

The Code of Practice has gained a particular welcome from Trading Standards Officers, who find it a useful way to fill the gap between their area of responsibility for upholding strict legislation on packaging in areas such as misrepresentation and complaints they may receive about packaging in less well-defined areas such as openness or excessive packaging.

This area of work is vital if the evil of society - packaging - is ever going to clean up its image.

Gail Lea, Editor

Cartons contribute to hair colourant success

Success for hair colour manufacturer Clairol of its Ultrase line, just launched in the UK, has been helped by cartons from German company CD Cartondruck.

Under the brand name Motif, the hair colourant has also been launched in other European countries.

Printed gravure

A significant factor in the success of Ultrase internationally has been the graphic design from the Clairol Creative Services Group in the US. The latest design was launched in the US and printed gravure. This won a gold award for excellence in graphic design, production, consumer marketing and packaging uniqueness in the 1993 International Paperboard Packaging competition.

CD Cartondruck, printer of high quality fragrance, cosmetic and hair colour cartons, was chosen to produce packs for the global launch of Ultrase/Motif.

A white background sil-



The cartons: six colours with uv varnish plus hot foil blocking

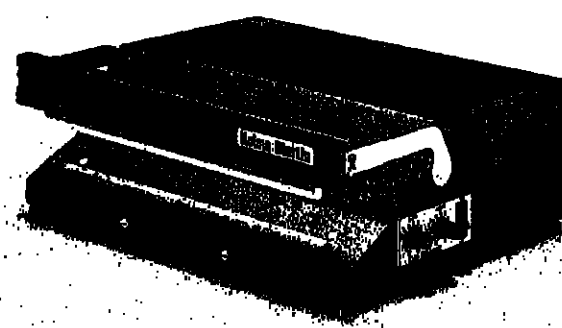
houettes each portrait, framed by a narrow black border. The motif is repeated throughout each panel around the box, while gold stamping crowns the frame on the front panel.

The cartons are printed in six colours with uv varnish plus hot foil blocking on Tako Superfine Art board. A 'CD Super Brilliant' calender varnish was used as a replacement

for uv, says CD Cartondruck (Senerfelderstrasse, Postfach 25, 74182 Obersulm, Germany - tel: 010 49 7134 5070, fax: 507200).

Clairol, the leading manufacturer of hair colour in the US is a subsidiary of the pharmaceutical company Bristol-Myers Squibb.

For further information K10 Call for details 0839 772268



The stainless steel bag sealer developed by Hulme-Martin Ltd

Fresh salmon sealed safely at point of sale

A stainless steel bag sealer for packing fresh salmon at the point of sale has been developed by Hulme-Martin Ltd for Sainsbury, satisfying the highest standards of hygiene and electrical safety.

Hearts stored

The HM2900SS has also, since its development for the food retailer, been adopted by the National Tissue Bank for the

secure transfer and storage in sterile conditions of hearts and other donor organs.

General purpose sealing machines offer no protection against water ingress and corrosion, making it impossible to sterilise equipment without the risk of electric shocks, while this system gives just those benefits, according to the manufacturer.

Shown for the first time at

the PPMA Show by agent Sonetex was the HM3100 semi automatic solenoid operated machine. With a 30cm, 250 micron pe capacity, the machine offers increased efficiency and better sealing performance than other systems, says Hulme-Martin (317 Guildford Road, Bisleigh, Woking, Surrey GU24 9BB - tel: 0483 476767, fax: 486343).

Cutter versions of the 3100 for layflat tubes and 'speed fill' options for small component packing are available in the range which will, from early next year, also include stainless steel waterproof versions.

The benefits of the solenoid machine, which closes the sealing jaws at the touch of a switch, will be clear to anyone who has tried positioning a large pe bag with one hand while applying sealing pressure with the other, says Hulme-Martin.

With low-voltage safety operation and no need for warm-up times, the 3100 is equally suitable for intermittent retail use of repetitive factory production systems.

For further information K10 Call for details 0839 772268

PACKAGING NEWS CONVERTING WORLD

Editor: Gail Lea 081 242 3147
 Deputy Editor: Paul Gander 081 242 3148
 Technical Consultant: Raymond A Silk, F Inst. Pkg 081 242 3152
 Advertisement Manager: David Chadd 081 242 3152
 Sales Executive: Hazel Barry 081 242 3153
 Classified Advertisement Executive: Jackie Steel 081 242 3154
 European Sales Executive: Walter M. Schneider, Via Stalunga, CH-8928 Manno, Switzerland - tel: +41 91/593313, fax: +41 91/505314
 Northern Sales Manager: Susan Steward 061 774 4015
 Converting World Sales Manager: Michael J. Reade 081 428 9947
 Production Manager: Alex Cowan 081 242 3151
 Production Editor: Frances Capper 081 242 3152
 Publisher's Secretary: Barbara Hobbitt 081 242 3146
 Publication Secretary: Wendy Lish 081 242 3157
 Credit Control: Janet Ford 081 242 3182
 Circulation: Jenny Anthony 081 242 3021
 Group Publisher: Julian Maddocks 081 242 3145

Annual subscription £60 for UK and Europe. Elsewhere in the world by airmail £90 or £60 by sea mail. Single copy rate £5.

ISSN 0030-8133
 Circulation: Douglas Wright (managing director), Denis Jones, Ronald Osborne, Harvey Boring (vice president, European Publishing)

A Maclean Hunter Publication
 Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts EN4 0BU
 Fax: 081 242 3154
 Northern Office: Carrington Business Park, Urmston, Manchester M31 4QW - tel: 061 776 4015, fax: 061 777 6628
 Originator: PRS, Huntingdon
 Printed: E.T. Heron & Co Ltd, Heybridge, Essex

Creative Publications from the Maclean Hunter Print and Packaging Group

BBP Member - British Business Press

ABC BUSINESS PRESS
 Circulation 18,804 (Jan-Dec 1992)

PPA
 Largest ABC circulation in the packaging field

Print and apply software allows pallet labelling standardisation

Software developed by Nestlé is allowing the food manufacturer to standardise its pallet labelling throughout Europe and beyond, with the Labfax Systems RoboPal print and apply unit recommended to its businesses in the UK.

Palman software can be used in conjunction with a robot arm system, which has the advantage for Nestlé of not involving a double movement of the pallet, or conventional applicators. The manufacturer has just installed the Labfax system at its Turbury coffee factory, the second in the UK. The first was at the Ashbourne factory which mainly handles milk-based desserts.

The software, which generates labels in a standard format, checks data immediately after printing to ensure that it tallies with the source data. Most importantly this information fits in with edi (electronic data interchange) structures, enabling the automatic communication of inventories from site to site.

Palman applies Nestlé's



Palman software can be used together with a robot arm system

own M188 standard, and the system has been specified for the multinational's Zone 1 - Europe - but is already being

the company is now satisfied that it is accurate and reliable, says systems development manager Dave Bruce. "The fact it's gone into a coffee factory means there must be a fair amount of confidence about it," he tells PN, explaining that there can be no risk of distribution being interrupted there.

After the label has been applied to each of two sides of the pallet, the head scans it. If there is an error, a second label is generated and applied over the top. If it still fails validation after three attempts, an alarm rings and the label must be applied manually.

Adjustments were made to the initial installation from Labfax, achieving a higher throughput and developing techniques for coping with part pallets.

Labels for RoboPal can be thermal or thermal transfer printed up to 216 x 300mm in size. Labfax is at Unit 12, Hortonwood 7, Telford TF1 4ES - tel: 0952 670380, fax: 677103.

For further information K10 Call for details 0839 772268

considered in areas as far away as South East Asia.

After seeing it working for a year at the first installation,

Chill out with pp pot

Tesco is the first user of a 1150ml injection moulded, pp pot with tamper evident lid now available from RPC Containers Blackburn, for its range of chiller cabinet dishes including rice and Chilli Con Carne ready meals.

Tesco has selected the container in particular for its tamper evident properties.

"Tesco is committed to reducing excessive packaging while maintaining the integrity of the products," says Isla McNab, product manager for convenience provisions. "Tam-

per evident seals are a key part of this initiative."

The tamper evident lid is one of the most advanced on the UK market, says RPC (Haslingden Road, Guide, Blackburn, Lancs BB1 2PX - tel: 0254 682298, fax: 583752).

It fits tightly inside the rim of the pot and can only be removed by breaking the special tab moulded into the rim. The tab itself fits flush with the rim, minimising the risk of it being damaged or dislodged.

In addition, says RPC, the design allows more efficient



RPC's 1150ml pp pot with newly developed tamper-evident lid

use of shelf space in retail outlets as the pots can be more neatly stacked closer together.

The 1150ml pot is part of a range of containers now being

introduced by RPC. The 500ml size will soon be available with the new tamper evident lid.

For further information K10 Call for details 0839 772268

We've been Shrinking the world for years!

Beck Packautomaten shrink wrapping and film packaging installations have been successfully wrapping products like yours for more than thirty years.

Designed by a process of continuous development today's UNIVERSAL SERIENPACKER is unrivalled in the range of applications for which it is suitable. More than 3,000 installations worldwide underline just how versatile this range is.

A variety of feeding units are available to collate or sort single packs or batches and they can be used in conjunction with our sleeve and collated bulk pack machines.

A Beck Packautomaten production line will keep you ahead of the competition.

See us at
 PADEX IRELAND
 Oct 19 - 20
 Stand P9

With first class service, spares and consumables back-up, trouble free production is guaranteed.

Call us now for more details or a demonstration in our showroom.

BALLINGER RAWLINGS LTD

Balrui House, Ebbw Vale, Hemel Hempstead, Herts, HP3 9RD.
 Tel: 0442 217555 Fax: 0442 60091

Call on 0839 772268 or enquiry number K10-552

Centre offers a chance to try out new materials and equipment

A Centre for Processing Plastics Packaging has opened in New Jersey, USA, offering packers and converters the opportunity of trialling new pack/material combinations on an array of processing and forming equipment on a membership basis.

Focus on pet resins

While specialising in a range of polymers including pet, pp, pe and ps, the centre will initially be focusing on pet resins, and particularly apet, which is developing a range of applica-

tions in the UK, executive Mel Druiin tells PN.

Services to clients can include processing research, structural analysis, prototypes, development of monolayer and multilayer sheets or films and thermoformed packs. The three founding members of the centre were Shell Chemical on the resin side, Wellex, which contributed a coextrusion sheet line, and Campbells Soup.

Representation in Europe is through John Pope, Marfortec, 3 Hazeldene, Wenden, Bucks HP22 6NG - tel & fax: 0296 696128.

As an example of other work which will be undertaken, Dr Druiin cites a multi-client study which will look at the use of post consumer pet bottle scrap in three-layer apet structures, following the first granting of FDA approval for one of these structures.

For further information K10 Call for details 0839 772268

Manufacturers of the World's Finest Packaging Machinery

KING

C.E. King Limited 41, London Street
 Chertsey Surrey KT16 8AR
 Tel: 0932 565191 Fax: 0932 566593

PPMA

OFFICES AND AGENTS IN OVER 50 COUNTRIES WORLDWIDE

Call on 0839 772268 or enquiry number K10-559

Call on 0839 772268 or circle

K10-529

Cost effective X-ray control of food

Reductions in the cost and size of X-ray inspection systems mean that the technology is now a viable addition to food quality control for an increasing number of companies, says equipment manufacturer Graseby Interrest.

Graseby's CDX is one fifth the size of its original system which the company supplied back in 1989. Apart from size reductions, there have been other improvements, including mechanisms to comply with due diligence, with a capability to customise reporting systems.

Graseby puts great emphasis on careful analysis of where the inspection system can best fit into any given line. "We don't feel that image processing is a substitute for good technique, but we do have the ability to run our systems at full line speeds with image processing," director Neil King tells *FN*.

Whereas for most applications, standard processing features are enough, Graseby says it can develop an image processing card for specific product requirements. If, on the contrary a particular job cannot be done, or if other equipment such as a metal detector is more appropriate, the company will make this clear.

Because the standard CDX will monitor product on up to three channels - or eight on larger units - end users can combine, say, scanning for contaminants on two of these channels with another dedicated to gauging fill levels. Quite often, says Graseby, variation in product weight or density means that checkweighing is not the solution to checking correct filling.



CDX can hold up to 20 product messages

The CDX can hold up to 20 product messages in its memory, and switching between product need only take around a minute, according to the company (10-11 Vaux Road, Finedon Road Industrial Estate, Wellingborough, Northants NN8 4TG - tel: 0933 440045, fax: 440029). Changeover may be required where pack sizes differ or where, as with confectionery, there are different fillings and sizes of product. Conforming to due diligence requirements is guaranteed.

For further information K10 162 Call for details 0839 772268

The environment/over-packaging category is by far

Double the action on consumer complaints

Consumer contact has increased considerably with the Packaging Standards Council (PSC), and around double the number of complaint investigations are reported in the latest half year report.

The PSC decided that companies needed to take action on roughly half of the complaints and most have gone on to make improvements to their packaging. For example, Sainsbury's no longer wraps coconuts in plastics film but instead uses a stronger adhesive for its labels, and Schweppes has increased the size of closure opening instructions on its bottles of tomato and orange juice.

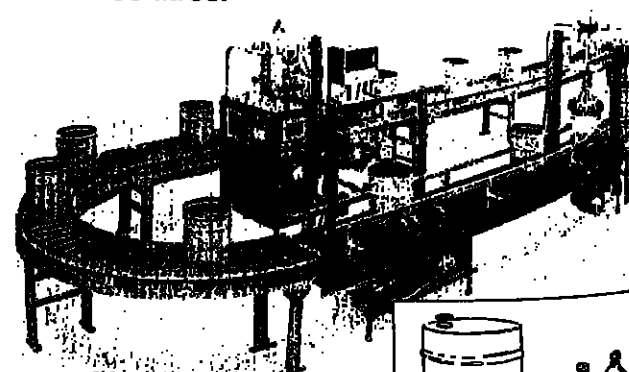
the largest and within that group the PSC believes that half the complaints are justified. Most complaints related to solid food, which is not surprising since more than two-thirds of all consumer goods packaging is used in this area. Openability was also found to be a 'hot consumer topic'.

Critics have suggested that some of the complaints handled by the PSC may be trivial, but we believe that all consumers are of equal weight and reflect current consumer views, says the PSC (Firth House, Bramfield Road, Bulls Green, Datchworth, Herts SG3 6SA - tel: 0438 798589, fax: 798398).

For further information K10 162 Call for details 0839 772268

The full service.

Amec. Nobody serves your filling needs better. Semi- and fully automatic volumetric and weight filling machines and systems, for liquids, semi liquids and suspended solids, into containers and drums, from 10ml. to over 200 litres.



Low set up costs, easy operation, rapid in-place cleaning and maintenance. For stand alone use, or as part of an automatic packaging line, designed, manufactured and installed by Amec. Tell us what you want to fill, and we will tell you how.

Amec. Off-the-shelf or made-to-order, nobody outfills us. Amec Packaging Machinery Limited Unit 9, Munday Works, 59-68 Morley Road, Tonbridge, Kent TN9 1RP Tel: 0732 359766 Fax: 0732 359766

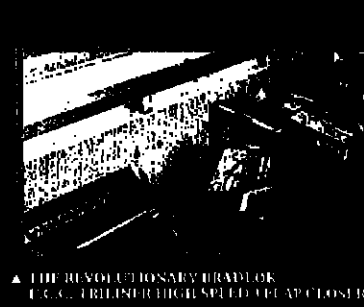
Call on 0839 772268 or enquiry number K10-574

CARTONING SYSTEMS

WORLDWIDE



AVERSATEL BRADLOK SELF-SERVICE AUTOMATIC END LOAD MACHINE



THE REVOLUTIONARY BRADLOK T.C.C. GREEN SPEEDY END LOAD CLOSURE

BRITISH MANUFACTURER BRADMAN LAKE HAS MACHINES OPERATING IN 25 COUNTRIES AROUND THE WORLD.

WHY? REPUTATION BUILT ON QUALITY AND RELIABILITY

WIDE RANGE OF PROVEN MACHINES

CONTINUOUS INNOVATION AND DEVELOPMENT

PROFITABLE FILLING SYSTEMS DESIGNED TO CUSTOMERS' NEEDS

NETWORK OF EXPERIENCED AGENTS AND DISTRIBUTORS

COMMITTED AFTER-SALES TECHNICAL SUPPORT

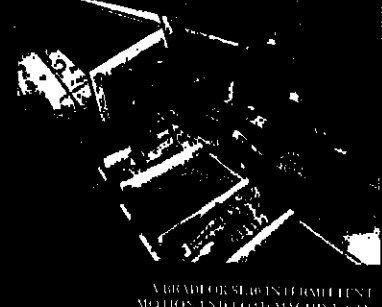
SERVICE AND SPARE PARTS BACKUP WORLDWIDE

BRADMAN LAKE DESIGN & MANUFACTURE IN EUROPE & THE USA

TO SERVE YOUR CARTONING NEEDS WORLDWIDE.



HIGH SPEED BRADLOK SELF-SERVICE AUTOMATIC END LOAD CLOSURE WITH A TRIPLE END PRODUCT TRANSFER SYSTEM



AVERSATEL BRADLOK T.C.C. GREEN SPEEDY END LOAD CLOSURE

THE TWIN END LOAD BRADLOK T.C.C. GREEN SPEEDY END LOAD CLOSURE IS THE ONLY DESIGN IN THE WORLD TO SERVE YOUR CARTONING NEEDS WORLDWIDE.

BRADMAN LAKE LTD
YELVERTON ROAD,
BRISTOLTON, BRISTOL, ENGLAND
Tel: (0272) 735228 Fax: (0272) 775514



BRADMAN LAKE INC
9901 FOREST DRIVE, DR
PO BOX 7073, CHARLOTTE, NC 28217-0703
Tel: 704 588 3301 Fax: 704 588 3302

Call on 0839 772268 or enquiry number K10-569

The real surprise is the packaging



The vital ingredient of any surprise is a special gift. And what makes this one extra special is the rather tasty packaging.

You might be surprised to learn that more and more food companies are discovering the beauty of this stylish, versatile and environmentally-friendly material. Compared to more conventional



materials, it offers tremendous benefits for a whole range of ambient, chilled and frozen foods.

Like to transform your product? Talk to the packaging innovators about the irresistible appeal of steel. Phone Francisco Serrano, Marketing Manager on (0905) 762323. Fax (0905) 762357.

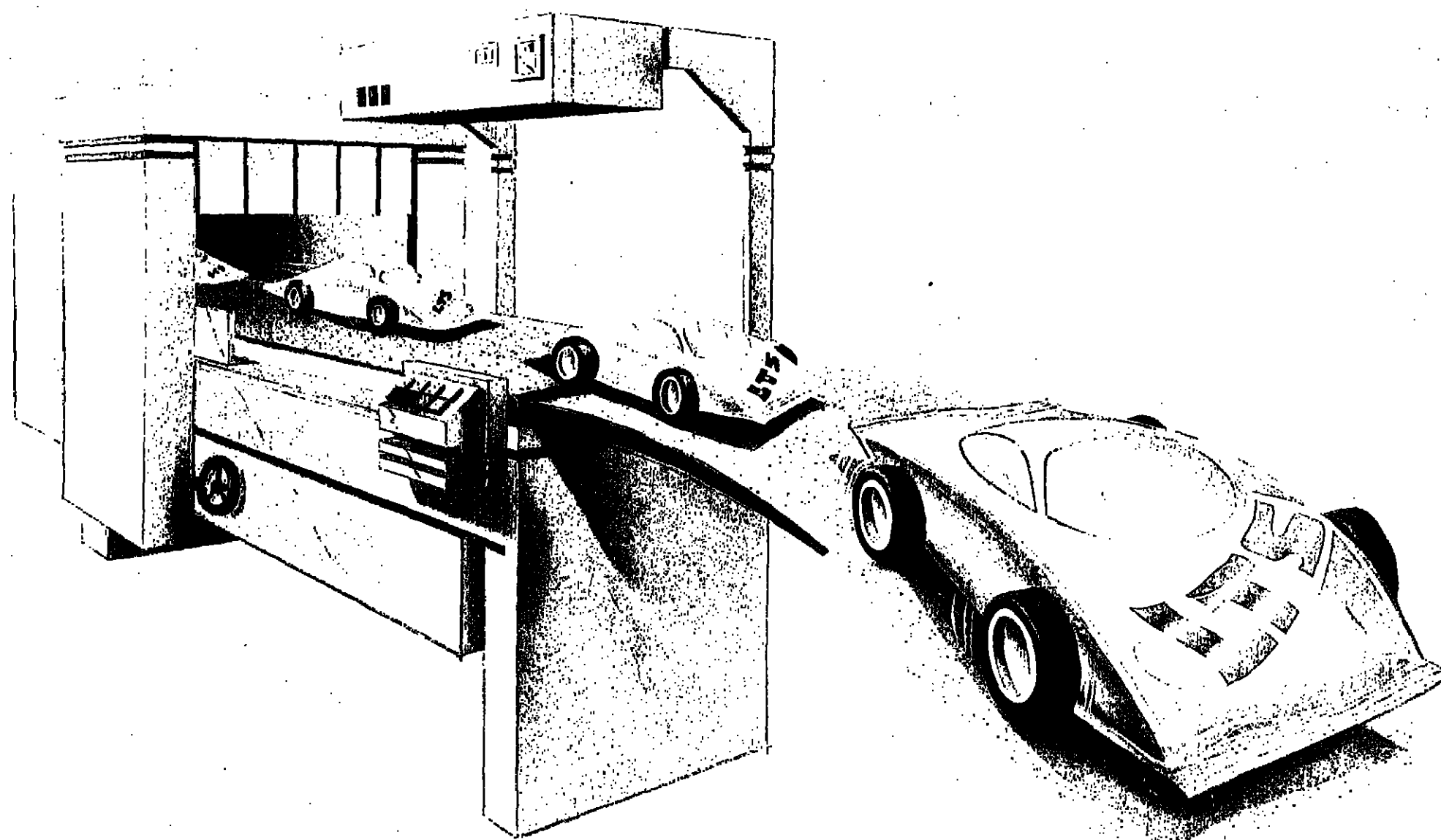


FOODCAN GROUP
thought for food™

Call on 0839 772268 or enquiry number K10-570

speed speed

What happens if your competitor uses Mobil's LTS coated films before you do, giving him over 30% more packaging speed?



Mobil's high-speed, Low Temperature Sealing coated films will allow him a significant increase in packaging speed and offer outstanding seal integrity, combined with film reliability, enhancing the protection of his products. With Mobil's new LTS coated OPP films, today's and tomorrow's packaging machinery can run full-out!

If you want to experience for yourself up-to-date packaging on your own line, just put the film roll on the machine and it runs - and runs! Try it and find that a new, innovative film is available which may become a universal packaging material! Contact your MPE office to discover for yourself the performance and convenience of Mobil's LTS coated films range.

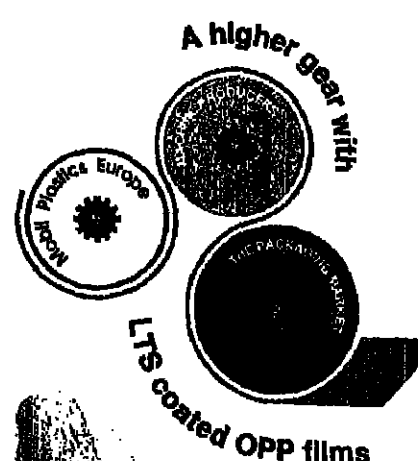
RELIABLE - EFFICIENT - ECONOMIC

Mobil Plastics Europe

1b, rue Thomas Edison, L-1445 LUXEMBOURG. Tel. (352) 45.102.22.11. Fax: (352) 45.102.24.24
Sales office UK/Ireland:

1 Towers Place, Eton Street, RICHMOND, Surrey TW9 1EG, Tel.: +81-332 6261, Fax: +81-332 6256

You can see LTS films in action at the
Salon de l'Emballage in Paris, Hall 5, Stand 5 G 030.

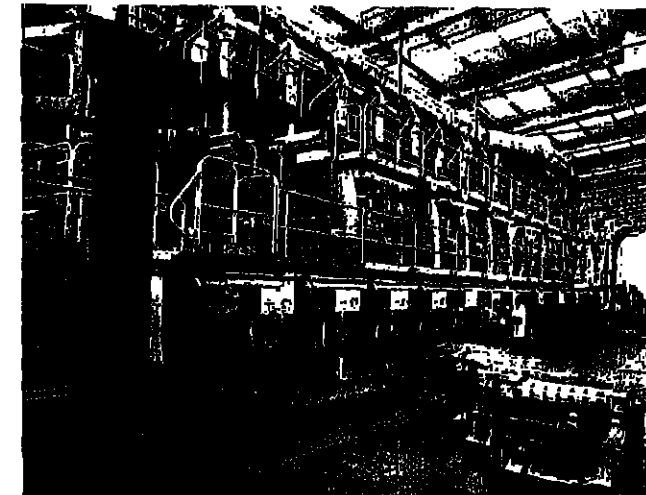


Gravure investment gives fine colour control

A ten colour gravure press installed by Dublin-based Lawson Mardon Superior as part of a £4 million investment will give the company and customers the benefits of quick changeover between runs, high speed and fine control, including colour consistency.

Capable of running at up to 300m a minute, the Rotomec press offers automatic alignment of print cylinders and automatic positioning of impression rollers. Sleeves can be changed while rollers are on the machine and without the use of tools.

Process control includes automatic axial and longitudinal register control from a single sensing head, viscosity control of inks giving repeat colour consistency and a stationary colour display of the



The ten-station Rotomec gravure press at Lawson Mardon Superior

web for the operator. Maximum web width is 1035mm.

The management information system records makeready time, downtime and produc-

tion time. Printouts give the location on the reel of any product which is out of tolerance, and these accompany the reel on delivery to customers.

Superior supplies Irish, British and other European markets, with export accounting for over 50 per cent of sales. Customers include Mars, Cadbury, Kellogg, Unilever and Nestle.

Mr Alan Marlborough notes the confidence in Superior that this investment demonstrates on the part of Lawson Mardon Packaging (LMP). LMP brings together the packaging businesses of Alusuisse-

Lonza - A-L Packaging - and the Lawson Mardon businesses, acquired by the Swiss group.

Packaging now accounts for 40 per cent of the Alusuisse-Lonza turnover, and is the largest single entity within the group.

"We feel we are the largest flexible packaging group in Europe, and soon will be the best," said Alistair Napier, chief operating officer of Lawson Mardon Food Division, at the launch of the press.

The Rotomec press is housed in a 2000sq m dedicated building adjacent to the main factory building (Jamestown Road, Finglas, Dublin 11, Ireland - tel: 010 353 1 8341431, fax: 8347886).

Environmental benefits of the press include recirculated drying air for reduced solvent retention in the product and lower energy demands.

For further information call 0838 772268

Filler handles hot challenge

Automatic hot fill equipment from Masterfil has been installed by Elida Gibbs for its deodorants and anti-perspirants, requiring a complete lack of cross-contamination between these product types.

Responding to increased consumer demand for alternatives to aerosols, Elida Gibbs selected the filler as part of a new line for products including Lynx, Sure, Brut and Denim.

Previously its solid stick production had been on a much smaller scale.

Elida Gibbs says it is very pleased with the system. "The solid stick liquids are hot, viscous and difficult to handle, but Masterfil's system meets the challenge," the company confirms.

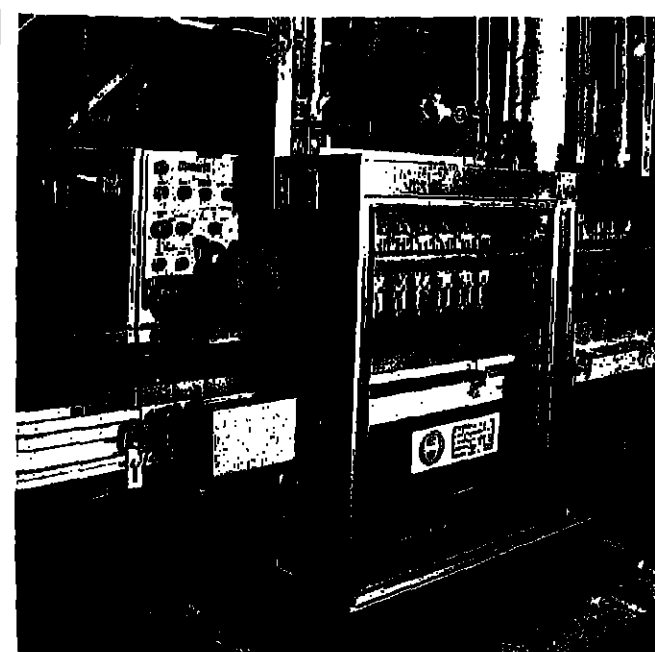
The filler had to cope with three different container shapes and, while guaranteeing no

cross-contamination between alcohol-based deodorants and silicon-based anti-perspirants, keep downtime between products to a minimum.

Half the 16 heads on the specially designed filler are used for anti-perspirants and half for deodorants. The user can opt to use either half or all of the machine at any one time. This system avoids the need for a full scale cleaning process between products, says Masterfil (17 Farmborough Close, Stocklake, Aylesbury, Bucks - tel: 0296 25001, fax: 25002).

Feeding systems differ according to the requirements of the two types of liquid. Deodorant is fed from a mixing tank into a water-heated hopper. From there it is gravity fed into a water-heated manifold and then to the filling heads. Anti-perspirant is fed directly from a portable mixing vat into the heated manifold.

"The segregated filler heads combined with the easy one-touch controls for changing volume and size make product changeovers easier than on any of our other production lines," says Elida Gibbs.



The 16-head automatic filler designed by Masterfil for Elida Gibbs

Enter the Chill Zone

A temperature sensitive film label, developed in conjunction with printing inks company Kromacorp and believed to be the first of its kind in Europe, has been launched by Printpack Europe.

Coca-Cola and Schweppes Beverages (CCSB) has made the first commercial use of the technology with labels for Coca-Cola and Diet Coke in the UK. The special thermochromic film labels are used on various per bottle sizes.

Each label features a 'Chill Zone' panel which is white at room temperature (warm) but reveals the words 'ice cold' in blue lettering, after refrigeration, to indicate that the bottle

is at its optimum drinking temperature. "Coca-Cola is at its best drunk cold," says Tim Kelly, marketing director of CCSB, "and we were very pleased to have found a fun and innovative way of encouraging consumers to store bottles in the fridge."

Production of the labels involved six colour gravure printing onto polypropylene label film with two-stage over lacquering to ensure permanence and protect from scuffing during labelling and transit, says Printpack (Bridge Hall Mills, Bury, Lancs - tel: 061 764 5441, fax: 061 761 7293).

For further information call 0838 772268



THE COMPLETE LABELLING SOLUTION
EVERYTHING YOU NEED FOR LESS THAN YOU EXPECT

LABELLING SYSTEMS

- SIMPLE TO USE WINDOWS AND DOS 'WYSIWYG' SOFTWARE
- THERMAL TRANSFER AND DIRECT THERMAL PRINTERS
- A4 PAGE AND CONTINUOUS SPROCKET FED LASER PRINTERS
- STAND ALONE / NETWORKED / MAINFRAME LINKED SYSTEMS

SELF-ADHESIVE LABELS

- THERMAL & DIRECT THERMAL LABELS
- SPROCKET FED COMPUTER AND LASER LABELS
- BS5809 APPROVED MATERIALS
- BESPOKE LABELS
- A4 LASER LABELS

THERMAL TRANSFER RIBBONS

- TEC ORIGINAL RIBBONS
- ZEBRA ORIGINAL RIBBONS
- SMUDGE AND SCRATCHPROOF RIBBONS
- COLOURED RIBBONS

BUREAU SERVICES

- BARCODE LABELS
- NO MINIMUM QUANTITIES
- 48 HOUR SERVICE

LABEL SPEC LIMITED

24 BROAD STREET, WOKINGHAM, BERKSHIRE, RG1 1AB
TELEPHONE: 01734 770694 FAX: 01734 770695

Call on 0838 772268 or enquiry number K10-566



GBE
LEARNER-BURGESS

A True Reflection of Quality
Tel: (0455) 613888 Fax: (0455) 618538

Call on 0838 772268 or enquiry number K10-566



Clear film labelling by UG has increased sales of Foster's Ice beer

Label has icy appeal

Responding to the huge demand for its system of applying clear film labels onto bottles immediately after production, United Glass (UG) has invested in a double stacker and de-stacker on its Larrow site.

Sales of Foster's Ice beer have, above all, exceeded expectations. "The hot summer undoubtedly helped sales of beers in general, but the taste and the attractiveness of the Ice pack are winning over retailers, bar owners and consumers across the country," says Peter Silvester, marketing manager at UG. Sales of Appletise apple and grape soft drinks in one litre bottles have also outstripped initial forecasts.

"Upgraded stacker"

The upgraded stacker - which like the original is from Zeccheri - handles two rows at a time rather than just one. A Festo pneumatic system channels labelled bottles towards one or the other of the two lanes for stacking. Also at the end of line there is a Cyklop strapper and a shrink hood unit for pallet loads of over 2800 bottles.

Since installing the Shore-

wood labelling machine, supplied through US labels company Spear Inc, UG has increased application rates to 210 bottles a minute and is aiming to reach 250 a minute.

For Foster's the system applies a frost-effect front, back and neck label at different stations. The labels are printed in the US by Spear.

"Silk screen printing"

Alongside the labelling line, UG has installed a silk screen printing operation. This features a four-colour Rosario Strutz printer, which normally turns out bottles at a rate of 110 a minute. At present only the labelling or the silk screen line can run at any one time, but UG does not rule out investing in a second palletising system to make the two lines independent, should demand require this.

The decoration facility, representing an investment of around £1 million for UG (Porters Wood, St Albans, Herts AL3 6NY - tel: 0727 859261, fax: 842661), was first installed in June '94.

For further information K10 159 Call for details 0839 772268

Weigh efficiency for frozen sausage rolls

Ishida Europe's projects department has completed a major installation at Kraft Jacobs Suchard's factory in Bristol for the weighing and packing of frozen sausage rolls.

According to Kraft, the installation has greatly improved production speed and packing efficiency.

Central to the operation is Ishida's CCW.Z.214W/730-WP multihead weigher linked to a Sandiacre TG312 bagmaker.

As well as supplying the weigher, Ishida has supervised the installation of a flighted belt conveyor which takes the product - following manufac-

ture and freezing - to the weigher, an electromagnetic crosshead feeder with infed hopper and level probe to regulate the flow of product onto

"Remote control panel"

the weigher, a custom designed support gantry, and an electrical remote control panel for control of the entire operation.

The line is situated in a separate temperature controlled room, to ensure that

low temperatures are maintained while the frozen sausage rolls are being packed. In addition, an extra enclosure is fitted around the top of the weigher platform into which cold air is continually fed.

The weigher handles a variety of sausage rolls, including cocktail, party and king size, and features a twin timing hopper to maximise packaging speeds, says Ishida (Crystal Drive, Smethwick, Warley, W Midlands B66 1RJ - tel: 021-541 1441, fax: 021-544 4659).

As some packs are sold by the number of sausage rolls, the unit also features a special

counting programme.

The weigher is programmed with the piece weight of an individual sausage roll, with an allowed tolerance either side.

This information is then used to work out the target weight for the required number of products for a particular pack.

"Type of sausage roll"

Set up - to indicate the type of sausage roll to be packed and number required in each bag - is via the remote control unit.

Kraft says that it explored the options very thoroughly when establishing the new packaging line and the weigher has performed superbly, and has also proved extremely reliable.

For further information K10 159 Call for details 0839 772268

ONCE A UCP TAMPER-EVIDENT CAP HAS BEEN OPENED, IT'S IMPOSSIBLE TO DISGUISE.

Even the slightest twist on the closure and its tell-tale band breaks - giving the game away.

But if that wasn't effective enough, We've now combined our expertise in tamper-evident

closures with our tried and tested Clic-Loc

technology to produce a closure that gives

child resistance and tamper-evidence in one.

And with approval to BSEN 28317 (1993),

PP28 Clic-Loc is the ideal closure for liquid

and solid dose medicine packs.



United Closure and Plastics plc, Silhouse Road, Norwich, NORFOLK NR7 9AL.
A member of CarnaudMetalbox group.



Good news if you need to protect the integrity of your product.

So if you want to keep unwanted elements out and only your product in, telephone us

on 0603 423131 and improve your packaging

beyond recognition.

Call on 0839 772268 or enquiry number K10-571

'Free tree' label leaflet promotion

On-pack Fix-a-Form leaflet labels from Denny Bros Printing Ltd have been used in a 'free tree' promotion by Benckiser, manufacturers of Calgon water softening agents.

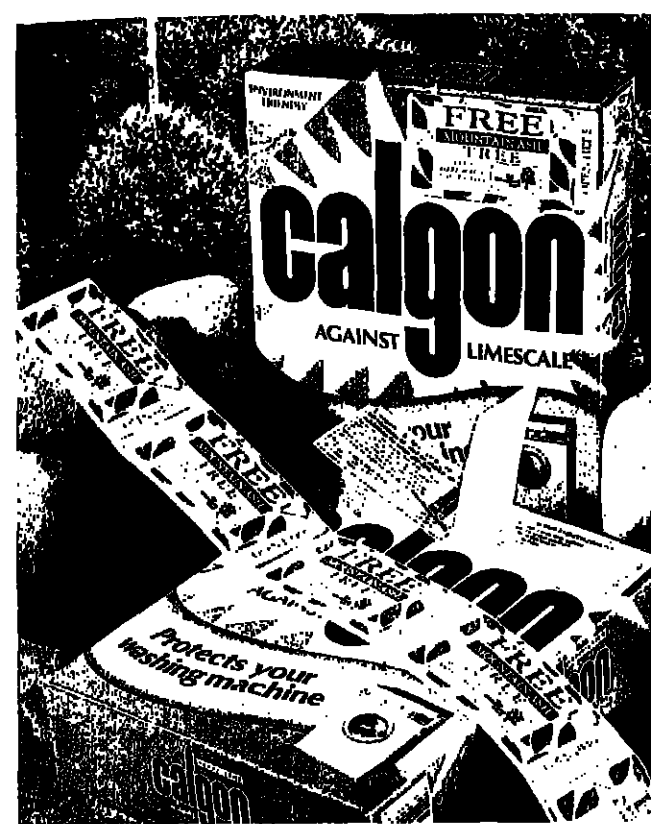
The campaign not only offers free mountain ash trees for users' gardens, but also generates a £1 donation from Benckiser to the Woodland Trust for every tree claimed.

The six-page leaflet labels are four-colour printed and, together with detailed text, feature an illustration of the 75cm high Mountain Ash sapling. This is despatched to the consumer in a specially designed tree protector, with easy to follow planting instructions.

Devised by sales promotion agency Anvil, the promotion reflects Calgon's 'green' image. Vanessa Togher, senior account manager at Anvil, says "We needed to provide full on-pack details of the offer as well as information about The Woodland Trust. It was also necessary to turn the promotion round more quickly than pack origination would have allowed."

The 73 x 38mm Fix-a-Forms were supplied by Denny Bros (Mildenhall Road, Bury St Edmunds, Suffolk - tel: 0284 701381, fax: 705575), on the reel for hand application to 500g and 1.2kg packs of Calgon.

For further information K10 159 Call for details 0839 772268



Fix-a-Form leaflet labels used in the Benckiser 'free tree' promotion



A System 1200 wraparound casepacker was supplied to Gillette (UK)

Razor infed gives sharper changes

An infed system that provides positive handling of flow wrapped disposable razors while at the same time allowing quick changes between collation formats has been developed by Assi Domän Packaging Machine Systems Ltd and supplied with a System 1200 wraparound casepacker to Gillette (UK) at Isleworth.

The system is believed to be the only one of its type and can handle collations of 5 x 4 x 1, as well as 5 x 4 x 3. It maintains full control of the product throughout the infed operation and, says Assi Domän, can be used for other flexible primary packs, in various collations, that require loading into corrugated transit cases.

Individual flow wraps arriving on the infed conveyor, in a single line, are transferred through 90deg and assembled into a single row collation 5 x 4 deep via an indexing lowerator. These are

then pushed forward into a cassette which, once loaded with the 5 x 4 collation, indexes sideways one pitch.

At this point the product is transferred via a mechanically driven product infed paddle from the cassette to the waiting corrugated blank. This process is continuous, with the cassette assembly indexing one pitch at a time and returning progressively via a chain drive to the product loading point.

In this way, there is an opportunity to vary the number of rows from one to two, three or more depending upon requirements, and product is controlled positively throughout the operation, says the company (Knowle Street, Stalybridge, Cheshire SK15 3AR - tel: 061-338 3711, fax: 061-303 2647).

For further information K10 159 Call for details 0839 772268

XTEX

POLYTHENE LIMITED
MANUFACTURERS OF
POLYTHENE FILM & BAGS

- HIGH QUALITY LAYFLAT TUBE up to 2 metres wide and Gussetted LAYFLAT TUBE opening up to 3 metres wide
- PRINTED FILM 2 Colours, 2 Sides up to 1.5 metres wide
- SHRINK PALLET COVERS
- An extensive range of BAGS plain or printed, singles or on THE ROLL
- SHEETS - PERFORATED ON THE ROLL
- MATTRESS & DIVAN COVERS
- ETC, ETC

FROM OUR BRADFORD FACTORY

- CARRIER BAGS, PRODUCE BAGS
- HIGH QUALITY FLEXOPRINT up to 6 colours

Eastfield Mills, The Knowle, Shipley, Huddersfield HD8 8EA
Tel: 0484 604433 Fax: 0484 607293
Spring Mills, Main Street, Wilsden, Bradford BD15 0PX
Tel: 0535 272871 Fax: 0535 275702

Call on 0839 772268 or enquiry number K10-413

A LOT CAN HANG ON THIS

If you've got a problem with your punched holes or slots tearing then get your hands on a 'Hot slot' bag and give it a good pull.

Thanks to our unique counter-suction process our hole will take more lugging with no tearing.

The system comes complete with jaws to suit your machine and is simple to install and use. Header cards, hang tabs or strengtheners could be a thing of the past.

So if you've got a lot to hang, hang it on us!

PALEKTRON HOTSLOT

Palektron Systems Ltd.
Unit 2, Cobbarwood Close
Chesterfield Trading Estate
Sheepbridge, Chesterfield
S41 9RQ.
Tel: 0246 260909
Fax: 0246 260328

Call on 0839 772268 or enquiry number K10-501

Bestseller takes Best in Metal award

Marks & Spencer and Trebor Bassett clinched the top award for a Liquorice Allsorts tin with a bulged emboss "never before achieved to this extent" in the tenth annual Best in Metal Awards.

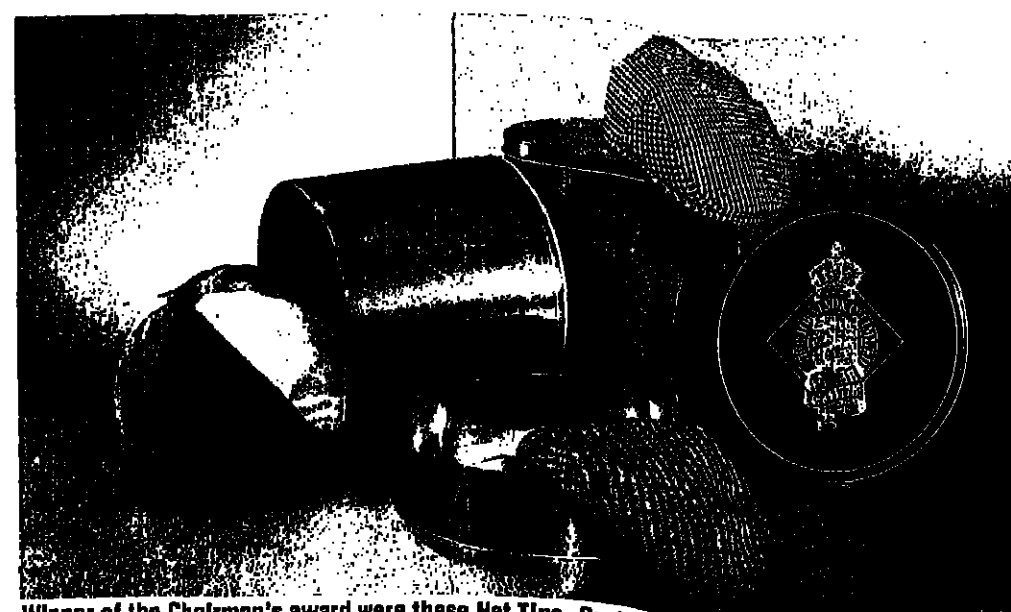
The distinctive tin, which won the gold award in the promotional food category, received the unanimous support of the judging panel to take the Supreme Gold Award - the best of the ten gold winners.

Designed by Marks & Spencer and Trebor Bassett, and manufactured by Carnaud-Metalbox Speciality Packaging UK/USA, the tin's bulged emboss is used to full effect in creating the shapes and colours of Liquorice Allsorts.

The tin became a bestseller over the Christmas period.

Organised by the Metal Packaging Manufacturers Association (MPMA), the Best in Metal Awards celebrated its tenth anniversary this year by attracting over 100 entries.

The Chairman's Award for the entry which demonstrates the best new market for metal packaging was won by Thomas Townsend and designers, Eiger International for their innovative approach to the sale of sporting headgear. Selected for the award by



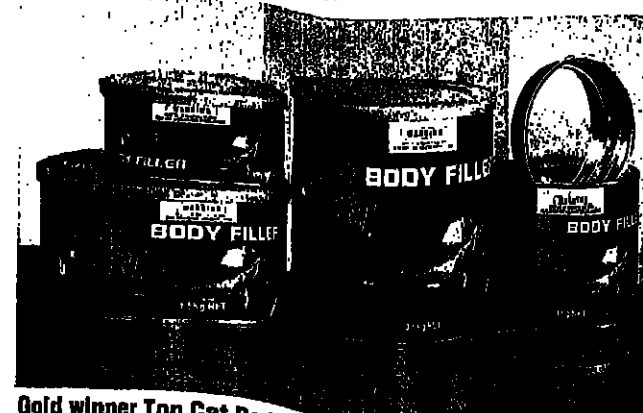
Winner of the Chairman's award were these Hat Tins. Customer: Thomas Townsend (1778) Ltd; Designer: Eiger International; Manufacturer: G Wallin and Company, tel: 0603 403 901

MPMA chairman, Bev Page, the range was so successful that it was later extended to include the company's range of high quality cloth caps.

The hat tins were manufactured by G Wallin and Co.

The award ceremony last month included a look back at highlights of the last ten years. MPMA is at Elm House, 10 Elmshott Lane, Cippenham, Slough, Berks SL1 5QS - tel: 0628 605203, fax: 665597.

For further information call 0839 772268



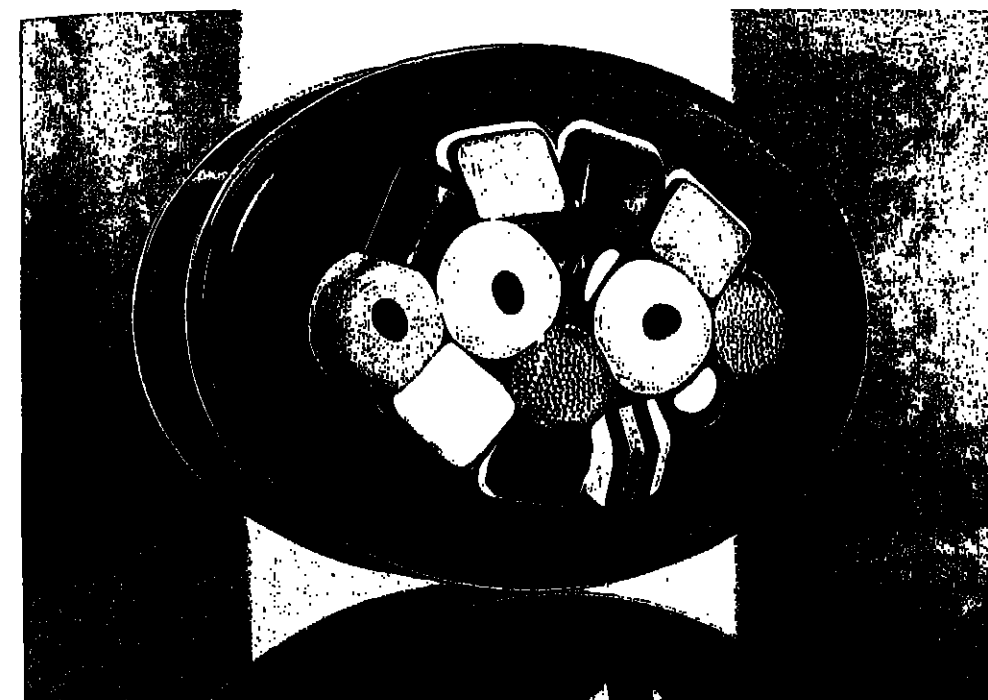
Gold winner Top Cat Bodyfiller; Designer and Customer: Tetrasyl Ltd; Manufacturer: DKS Packaging Ltd, tel: 051-822 2656



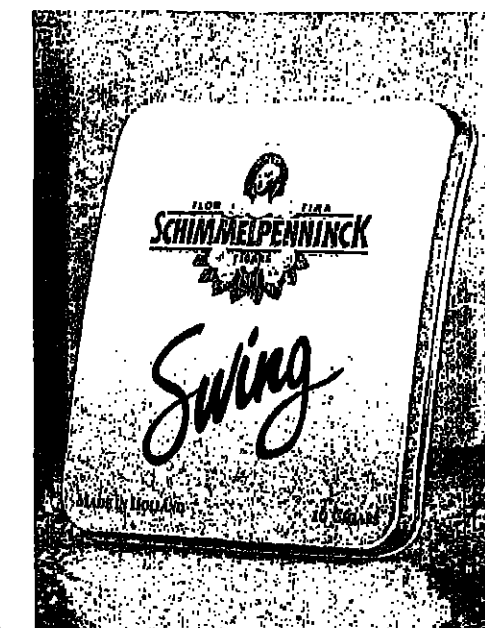
Gold winner Sainsbury's Cool Crush range; Designer: Davies Hall; Manufacturer: CarnaudMetalbox Bevan plc, tel: 0228 81200



Gold winner GoodLife; Customer/Designer: Dalgely Spillers Foods; Manufacturer: Carnaud Metalbox plc, Foodcan Group, tel: 0805 762323



Supreme Gold was captured by this Liquorice Allsorts Tin. Customer/Designer: Marks & Spencer plc and Trebor Bassett Ltd; Manufacturer: CarnaudMetalbox Speciality Packaging UK/USA, tel: 0623 22651



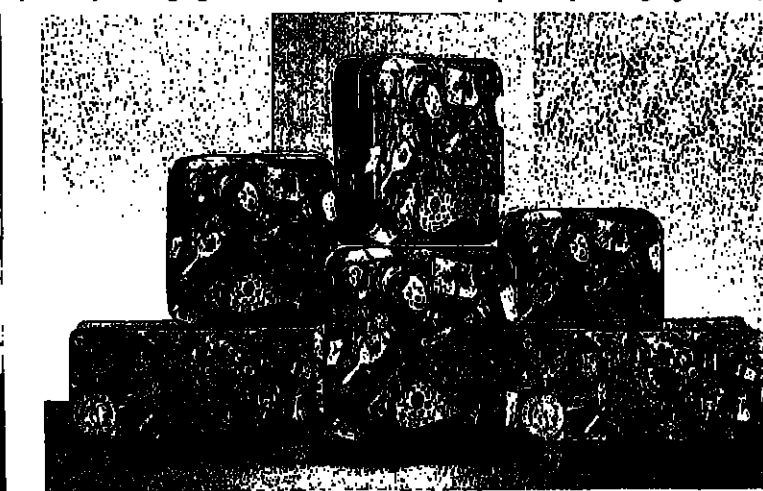
Gold winner in the Promotional section: Original Swing Tin for Cigars. Customer and Designer: Rothmans International; Manufacturer: CarnaudMetalbox Speciality Packaging UK/USA, tel: 0623 22651



Gold winner in the aerosols section: XZ Aerosols, Customer and Designer: Bomer Ltd (Finland); Manufacturer: CarnaudMetalbox Aerosols (UK) plc, tel: 0823 655555



Gold winner Chrystax Polish. Customer/designer: Blue Coral; Manufacturer: Lawson Mardon, tel: 0623 512012



A gold went to these Memory Tins. Customer and Designer: The Silver Crane Company; Manufacturer: Linpac Metal Packaging, Reading, tel: 0753 441144



Gold in closures section: Martini Mixers; Customer and Designer: Martini & Rossi; Manufacturer: MCB Closures Ltd, 021-553 2900

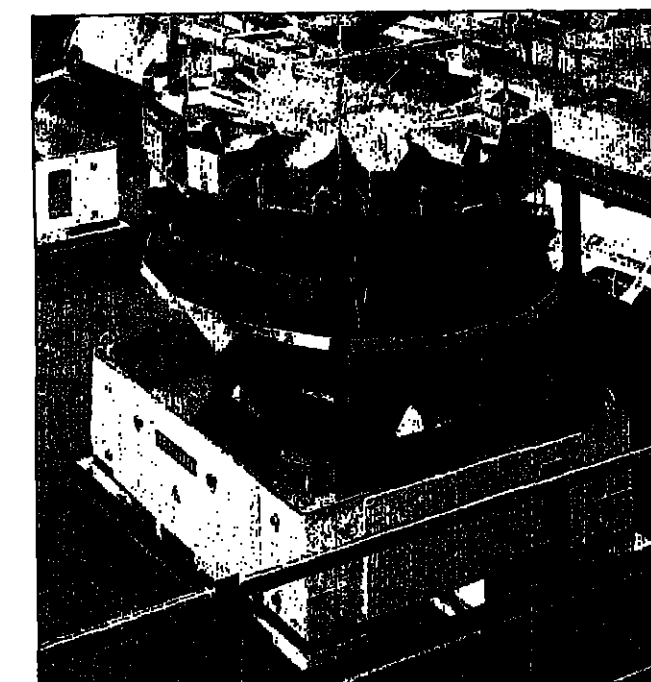
THE BIGGEST NAME IN MULTIHEAD WEIGHING.

Since we designed and developed the world's first computerised multihead weigher in 1972 we've led the world in precision weighing.

Today Ishida multihead weighers can be found all over the world, bringing standards of accuracy, efficiency and reliability unmatched by any rival.

Saving money by reducing product give-away to the point where they can pay for themselves in the first year of operation.

And, with the widest, most comprehensive model range, we have the machine to suit virtually every application.



So much so that there are now more Ishida multihead weighers running around the clock, around the world, than all our competitors put together.

Return the coupon for more details or contact us direct.

Please contact me ☐ Please send me details of:
Multihead Weighers ☐ Checkweighers ☐
Seal Integrity Testers ☐ Pack Handling
Equipment ☐ Turnkey Projects ☐ PN/10.94

Name/Position:

Company/Address:

Postcode:

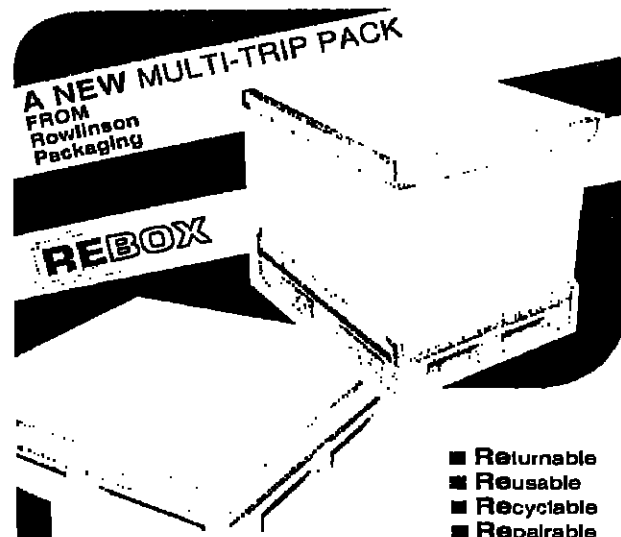
Tel: Fax:

ISHIDA
EUROPE
LEADING THE WORLD IN WEIGHING, IN-LINE
INSPECTION AND PACKAGING SYSTEMS

Ishida Europe Ltd, Crystal Drive, Smethwick, Warley, West Midlands, B66 1RJ, England. Tel: 0121-541 1441. Telex: 333000. Fax: 0121-544 4659.

Call on 0839 772268 or enquiry number K10-565

A NEW MULTI-TRIP PACK FROM Rowlinson Packaging



REBOX

- Returnable
- Reusable
- Recyclable
- Repairable
- Reliable

The aptly named **REBOX** available in various sizes can be made from Wood - Plastic - Corrugated etc. Delivered/Returned flat - No strapping needed - Easily clipped to tray & lid.

Rowlinson PACKAGING LTD
Green Lane, Warrle, Nr. Marnley, Cheshire. Tel: 089 722891 Fax: 089 722891

Call on 089 72288 or enquiry number K10-425

Foreign body inspection system

A foreign body inspection system which is designed for continuous in-line operation in hostile environments has been launched by Safeline Ltd.

Called Linescan, it can detect stone, glass, unwanted bone content, paper, plastics, metal and other foreign bodies in food and non-food products alike, with particulates down to 0.5mm identified.

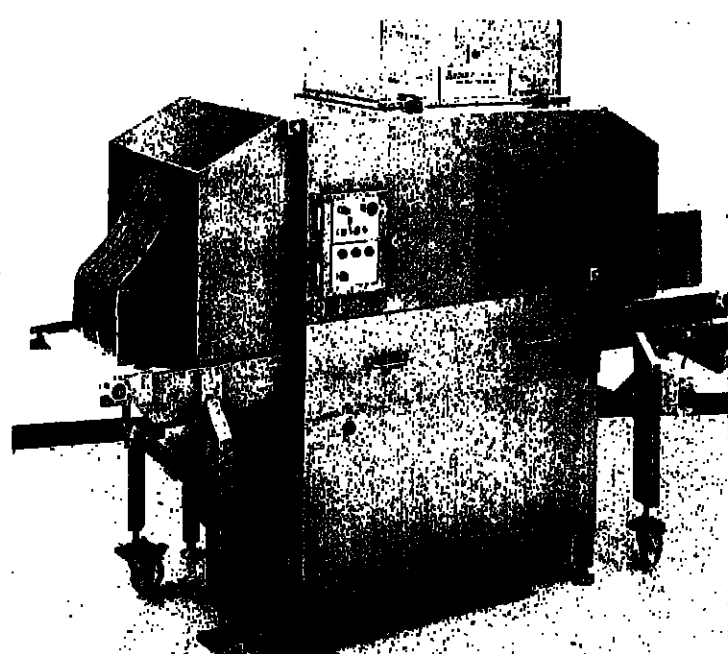
Products can be inspected either unpacked or packed and ready for shipment. Packaged goods may be monitored by the case, rather than individually, making overall installation costs very competitive, says the company (Montford Street, Salford M5 2SN - tel: 061-848 8636, fax: 061-848 8595).

Safeline has worked with US electronics company EG & G to adapt imaging technology originally developed for

aerospace. This has been matched with equipment derived from an X-ray research programme. According to Safeline, this combination gives unprecedented levels of accuracy and reliability in detection and rejection of contaminated food and dairy products.

As well as being able to detect foreign bodies in products of varying thicknesses, such as chicken breasts, Linescan will also detect unacceptable voids such as hollow heart disease in potatoes.

Four machines comprise the range and all systems can be supplied with custom designed rejection devices.



For further information K10-130 Call for details 089 72288

The Linescan foreign body detector from Safeline Ltd

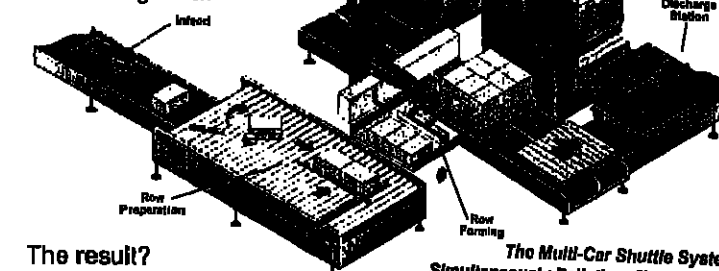
KLÖCKNER PACKAGING SOLUTION #3145

The Case For Automatic Palletizing of Multiple Lines.

Justifying the transition from manual to automatic palletizing of multiple low speed lines has always been a challenge. While automatic palletizing offers many advantages, the cost justification of individual palletizers for each line is typically an expense greater than the potential benefit.

To meet this challenge, Klöckner Priority One developed the Multi-Car Shuttle System - able to palletize up to four individual lines with a single palletizer, requiring only 1 1/2 layers of accumulation for each line.

The system works on-demand, accepting products from up to four sources and staging these products prior to advancing individual product groups to the row forming area. Rows are formed individually for each product and the shuttle car moves the corresponding pallet into position. Simultaneously, a new row is formed for the next product, and the shuttle car transfers the appropriate pallet to the loading area.



The result? One palletizer. One investment.

Multiple benefits! And the flexible Klöckner Priority One palletizer provides automatic change-over, low maintenance and the capability of unattended operation as primary benefits.

Klöckner Priority One makes a strong case for multiple line palletizing from a single palletizer. Put one of these innovative new systems to work in your plant by contacting Klöckner Hänsel U.K. at 0733-60911, ask for Ian Hart.

KLÖCKNER HÄNSEL U.K.

5 Cathedral Square
Peterborough, PE1 1XH
Telephone: 0733-60911 or 51515
Fax: 0733-314077

ON LINE WITH YOUR IDEAS 0733-60911

Call on 089 72288 or enquiry number K10-445

Meeting a demand for hygiene training

ADAS, a commercial agency of MAFF, is to run a further hygiene training course for packaging industry managers in March next year, following great demand for last month's event.

Designed to offer managers in the packaging industry the opportunity to receive comprehensive training on food safety, the course will be a four-day event which includes taking hygiene examinations.

"The success of the previous courses and demand from companies for a quick repeat has led to the introduction of this new date," says Ian Grey, business development manager

at ADAS (ADAS Penrith, Agricola House, Gilwilly Trading Estate, Penrith, Cumbria CA11 9BU - tel: 0768 65651, fax: 899142).

"It gives companies an ideal opportunity to develop the hygiene expertise necessary to take control of their hygiene management and deliver the standards expected by the food industry," says Mr Grey.

ADAS launched its Hygiene Accreditation for the packaging industry in 1991 and is now recognised by many food retailers and manufacturers as the standard to be accepted for packaging supply.

For further information K10-132 Call for details 089 72288

Sophisticated carriers



These carrier bags are manufactured to look like a 'fashionable' paper bag handled version, but instead provide the properties of polyethylene. Now available from Ideal Sources & Sales Ltd (John Marshall House, 248-254 High Street, Sutton, Surrey SM1 1PA - tel: 081-770 1246, fax: 081-770 2125), the bags are made from PolySOS material, which is a blend of idpe and hdpe, and are water and leakproof. Bags can be supplied in runs as small as 5000, printed with customer logos, for a cost said to be not much more than a patch handle carrier.

For further information K10-131 Call for details 089 72288

Bottle produced in record time

Rockware Glass has produced a special Diamond White promotional bottle for Taunton Cider in just four and a half weeks, a record time said to be a result of a partnership philosophy built up between the two companies.

The project represents the most rapid development turnaround time that the Somerset-based cider maker has ever received from a UK glass packaging company.

"Partnership approach has lasted for two years"

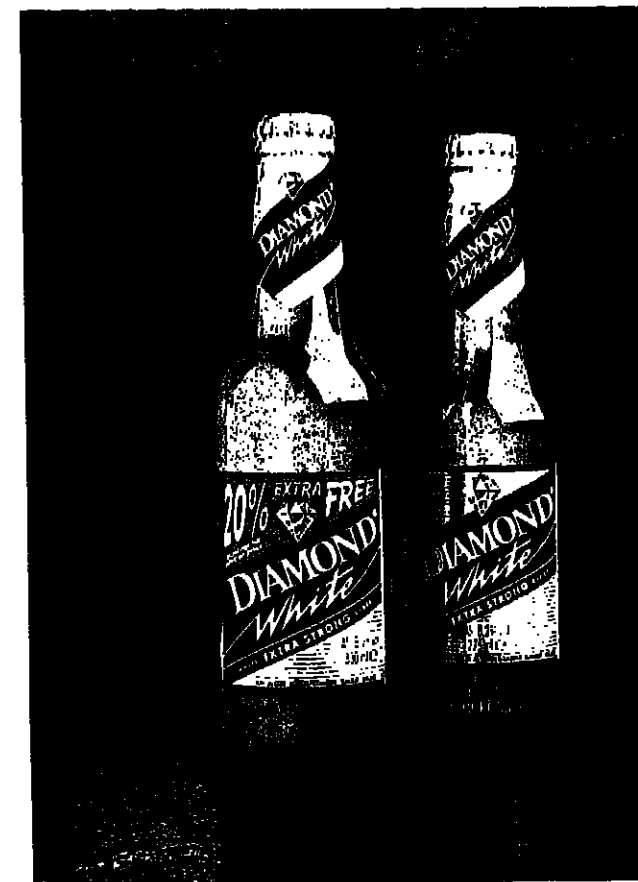
Rockware currently produces bottles for Taunton's Diamond White, Dry Blackthorn, Brody and Fres brands and the partnership approach has been in operation for two years.

It involves creating a team approach between various departments at each company such as customer services, production and quality control. As well as setting up this style of working, Rockware has also invested in a furnace rebuild at its Headlands plant, together with the installation of a 10 section triple gob machine.

It is this investment combined with the flexibility of working practices that enabled us to move quickly and produce a 330ml bottle for Taunton's Diamond White special volume promotion, says Rockware (Headlands House, Headlands Lane, Knottingley, W Yorks WF11 0HP - tel: 0977 674111, fax: 607256).

The aim of the promotion

Diamond White promotional bottle (left) and (right) the standard 275ml bottle



was to add perceived value to Diamond White and improve visibility in a crowded market. Although the normal turnaround time for such a glass bottle is between 12 and 14 weeks, Rockware produced the promotional bottle in just four and a half weeks.

"To gain advantage in the cider market, especially with a high volume promotion like this, speed is of the essence," says Bob Rendall, purchasing manager at Taunton. "In addition, the line efficiency achieved with the 330ml bottle was one of the highest ever reached at Taunton, which is testament to the first class quality of the containers."

"A supplier's flexibility to respond is important"

Mr Rendall believes that a packaging supplier's flexibility to respond to a client's requirements is increasingly important in today's business environment, where sales figures, and therefore packaging requirements, can often fluctuate widely.

"Rockware's bottle for the Diamond White promotion is a perfect example of meeting these requirements," he says. "The company has also produced own brand one litre bottles at very short notice and there are several other projects on target for fast tracking."

For further information K10-132 Call for details 089 72288

"OFF THE SHELF" FOLDING BLISTERS

- TOTAL PRODUCT VISIBILITY
- COMPLETE PROTECTION
- NO TOOLING COSTS

NOW EVEN MORE SIZES AVAILABLE!

Hotline 061-727 8424

ALPHA PACKAGING & DESIGN LIMITED
Display Packaging Specialists
ALPHA PACKAGING & DESIGN LIMITED
WITTO HOUSE, PRIESTLY ROAD, WORSLEY, MANCHESTER M28 3NL. Fax: 061-728 3430

Call on 089 72288 or enquiry number K10-441

WHEN YOU THINK ABOUT IT...



THERE'S NO ALTERNATIVE

ST REGIS
Paper Company Ltd.

For today's most cost effective liner contact:
Corrugated Paper Sales, Mill Lane, Taplow, Maidenhead, Berkshire SL6 0AP
Telephone 0628 798111 Fax 0628 778507

Call on 089 72288 or enquiry number K10-406

SUPERB SIXTH FLOOR OFFICES WITH PANORAMIC VIEWS OF LONDON TO LET - 723 / 1435 SQ.FT.

LOCATION

Situated on the top floor of this prestige block of offices opposite Habitat, Waitrose and Finchley Road Underground Station (Metropolitan and Jubilee Lines).

ACCOMMODATION

Comprises the whole sixth floor of this imposing modern building with a total of 1435 sq.ft. net. Alternatively part will be made available equating to approx. 723 sq.ft. net.

AMENITIES

- Air Conditioning / Double Glazing
- Excellent W/C and shower facilities
- Fitted Kitchen
- Suspended Ceilings
- Lifts / Porterage (8am-5pm)
- 24 hour access
- Carpeting
- Parking available

LEASE

Expires August 1997 without further rent reviews

FOR VIEWING AND FULL DETAILS PLEASE REPLY TO:
BOX NO 0894, PACKAGING NEWS,
CHALK LANE, COCKFOSTERS ROAD,
BARNET, HERTS, EN4 0BU



S MURRAY & CO

Holborn House, Old Woking,
Surrey GU22 9LB

the little & the
unlike ly

Bottles are our business. At Murrys, we offer one of the widest ranges of standard bottles in the UK. What's more, we manufacture a large proportion of them ourselves in our own factory, and we maintain very large stocks of other bottles at all times, from 15ml to 1 litre.

Naturally, this gives our customers a big advantage. Because they know that by ordering from us, they can expect prompt delivery.

As we said, **bottles are our business.** We design and develop them. We produce and overprint them. We stock and distribute them. We also make a wide range of jars. Whatever size, shape or quantity you require, always contact Murrys first. By phone on (0483) 740099. Or by fax on (0483) 755111. We'll talk to you about your needs, give you objective advice, and offer the solution which suits you best.

Call or fax us today for a free copy of our catalogue.

Call on 0839 772268 or enquiry number K10-442

Tel: (0483) 740099

16

NEWS



Loma twin lane 7000 Combo Inspection system at Marlow Foods

Quorn checked and scanned at speed

Checkweighing and metal detection equipment to run on the extended production facility for Marlow Foods' Quorn product is being installed by Loma Systems.

A Loma 7000 Combo, integrating metal detection and checkweighing, has already been installed on the first line to be commissioned at the Stokesley, N Yorkshire, plant.

The first Loma unit is a twin lane system designed for maximum flexibility and sensitivity. It will handle a wide range of pack sizes, both for retail and catering customers.

Positioned immediately after the bagging station where variable quantities of frozen Quorn cubes are packed into polybags, the Combo uses one conveyor to check packs of between 0.5 and 2kg. The second takes packs of between 2 and 10kg.

Each lane combines a metal detector and weigh cell on a common, easily adjustable frame. The lane for lower weights runs at speeds of up to 65 packs a minute and the second lane at just three a minute. Product identified as over-

weight or contaminated is pushed from the line by a reject device on the outfeed conveyor, says Loma (Southwood, Farnborough, Hants GU14 0NY - tel: 0252 540340, fax: 513322).

"The Loma 7000 Combo allows us to assure our customers that our products have been tested to the highest standard and meet legal weight requirements," says Keith Bramwell, plant manager at Marlow Foods. Its high speeds, reliability and ease of use are key advantages, he says.

The first line will enable Marlow to build up its annual production capacity from 1,000 tonnes to 7000 tonnes. Another 7000 Combo will be installed on a second line which will double this capacity.

Components on each lane will be tailored to the characteristics of product within each weight band. "The twin lane system gives us the convenience of handling all our product sizes on one line without compromising accuracy," explains Mr Bramwell.

For further information K10-149 Call for details 0839 772268



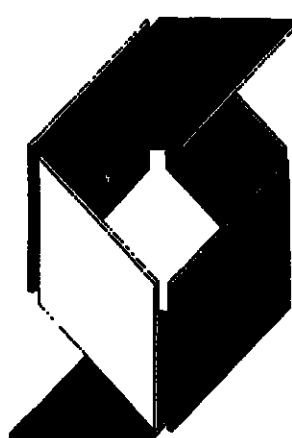
Redesign adds vitality

Striking reformulation of brand identity has been achieved for Vitalite sunflower spreads by PI Design, fully using the depth of the tub. Packs for Kraft Jacobs Suchard's Vitalite and Vitalite Light spreads have been redesigned to give maximum shelf stand-out, more modernity and - as the brand name suggests - vitality to the product's identity. At the same time, key features of the brand have been maintained, says PI (1-5 Colville Mews, Lonsdale Road, London W11 2AR - tel: 071-727 3226, fax: 071-727 4831).

The consultancy beat two major competitors in a pitch for the redesign, which carries the same bold colours on the tub wall and lid.

For further information K10-150 Call for details 0839 772268

VERPACKUNGSMESSE
LEIPZIG



The vital ingredient in packaging success.

Germany and its neighbouring countries to the East offer interesting, expanding markets for many different kinds of products.

It is important, however, for good products to be well packaged. Besides logistics, goods protection and care are crucial factors for success in the marketplace.

You will find a comprehensive range of packaging, accessories and packaging machines at the Leipzig Packaging Fair, together with everything you need in terms of product identification and marking. The Fair runs from 1st to 4th March 1995 - we look forward to seeing you there!



**LEIPZIGER
MESSE**

Leipzig Trade Fairs
U.K. Representative Dr. Michael Dillon
Tel.: 0474/824092, Fax: 0474/824091

Call on 0839 772268 or enquiry number K10-557



packaging update

August 1994

£3 billion buying power at packaging focus '94

The combined annual purchasing power of delegates attending packaging focus '94 will exceed £3 billion, more than a third of total UK sales.

This figure emerges from research carried out by the organisers, Richmond Events, into the business profiles and interests of delegates planning to attend the event, which is being held on board the P&O ship, Sea Princess, from September 22-25.

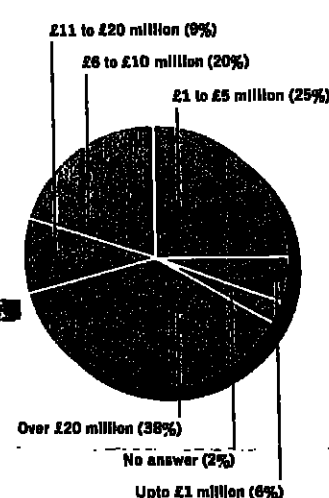
The research shows that the annual average expenditure on packaging of delegate companies amounts to at least £12 million. Nearly half have a total annual spend of more than £10 million, including 38 per cent with an expenditure of more than £20 million.

Breaking down spending patterns for specific packaging materials produced further interesting data:

- 57 per cent of respondents come from organisations spending more than £1 million a year on cartons and cases;
- 43 per cent spend more than £1 million on laminates, films and foils;
- 33 per cent spend the same amount on paper and board.

A smaller percentage, however, spent more than £1 million on cans, metal caps, closures, glass and rigid plastic containers.

Total annual expenditure on packaging



What delegates are looking for

As part of its extensive study into delegate opinion, Richmond Events also carried out direct research over the telephone. In general, this confirmed the findings of the main survey, but it also showed the range of reasons why delegates attach so much importance to the event. Here is just a selection:

- 'We're looking for innovative ideas, to see what's being won in new fields'
- 'We're bringing a new product, yet to be launched, and we want ideas on how to package it'
- 'We'd like to see potential new suppliers in case we're missing opportunities or new ideas'
- 'We'd like to meet suppliers who can deal with us on a nationwide basis'
- 'It is a chance to network with other packaging buyers, an opportunity not normally possible across different companies and sectors'
- 'We are launching a new range of products in the late autumn and we would like to meet new suppliers who can offer innovation in their packaging'
- 'In our sector, we are a leader in packaging innovation and we want to look at materials other than metals and plastics'
- 'We are considering sourcing all our European packaging in the UK'

The sample included key buyers from food and drinks companies - two-thirds of total packaging consumption - and manufacturers of confectionery, cosmetics, pharmaceuticals, toiletries and household chemicals.

Significantly, two-thirds of the buyers surveyed expected to see a decrease in the number of packaging suppliers they deal with over the next year. Nearly half of them come from organisations with annual packaging expenditures exceeding £20 million.

The main appeal of packaging focus '94 for delegates is two-fold, the survey indicated. For nearly all, it was an opportunity to keep up-to-date with industry developments, but 80 per cent of respondents also said it was a chance to investigate potential future suppliers. Given that half the respondents indicated they were not able to see more than ten potential suppliers each year, the event offers a time-efficient means of reviewing new developments and identifying new suppliers.

Interestingly, the opportunity to meet other delegates is another central appeal



Research - The Key Findings

Total estimated buying power of delegates - more than £3 billion a year

Total annual UK packaging expenditure - £8.5 billion (Rowena Mills Associates)

Nearly 50 per cent of respondents come from organisations spending more than £10 million a year on packaging

80 per cent of delegates see packaging focus '94 as an opportunity to see potential suppliers

The main issues of concern are innovation and technological developments, and packaging price trends

of the event. It offers delegates a unique environment in which to build relationships and debate industry issues - and there are several that delegates want to discuss.

The research identified two main concerns - innovation and technological developments, and packaging price trends. But it also flagged up the environmental issue and consumer attitudes as subjects of interest. All these have now been built into the conference and workshop programme.

Exhibitor support grows

Support from exhibitor companies for packaging focus '94 continues to grow. CarnaudMetalbox and Lawson Mardon are two of the most recent suppliers to confirm their participation, welcoming the event as a novel and effective way of presenting new ideas to the market.

Francisco Serrano, Marketing Manager of CarnaudMetalbox said: "It is our objective to focus on packaging innovation and present new concepts to companies looking for new packaging ideas. The event gives us the opportunity to hold meetings with dozens of existing and new customers over a cost-effective period of time."

From one of the two Lawson Mardon divisions attending, John Stott, Sales & Marketing Manager, Plastics also commented "packaging focus '94 provides a good opportunity to meet and discuss the future direction of the industry with influential and knowledgeable experts and Lawson Mardon Plastics is particularly looking forward to hearing their views."

For Van Mierlo Proost another new exhibitor, packaging focus '94 is an opportunity for a European company to

break into new ground. "I see it as an ideal platform to introduce ourselves to 'blue chip' companies with a view to working in partnership for the future," said Chris Askwith, UK Sales Manager.

At Tungate Forms & Labels, Ray Tungate, Managing Director, saw packaging focus '94 as a 'must'. "We're delighted to be there because it gives us a unique opportunity to introduce litho web, flexible packaging and labels to major end-users."

Exhibitor companies who have confirmed to date include: CarnaudMetalbox Foodcan; CarnaudMetalbox Specialty Packaging; DataColour; Fuji Seal Europe; ICI Films; Mellinex Group; Lawson Mardon; Fibrenyle; Lawson Mardon Plastics; Pira International; PP Payne; The Institute of Packaging; Van Mierlo Proost; Walmsey

Conference details

Leading industry figures have been involved in the extensive and well-researched conference programme from the outset. For a round-up of the agenda and all the topics to be debated in the conference and workshop sessions, please turn to the centre pages.

MAKING SELF-SEAL POLYBAGS?

WE HAVE THE ADHESIVE TAPES!



Whether you make polypropylene or polythene bags, Brattle's exclusive double sided tapes offer significant benefits.

Resealable? SEALING POLYPEEL is the very best, with permanent adhesive on one side and peelable on the other.

Permanent seal? Then POLYSEAL is the complete answer, providing economy, quality and reliability.

Try either product and you won't want to use anything else. Consistent quality, rapid delivery, keen prices - but only available from Brattle.

Contact us now for more details, free samples and quotations.



Head Office:
M2, Cherrycourt Way,
Stanbridge Road,
Leighton Buzzard,
Beds. LU7 8UH
Telephone: (0525) 382233
Fax: (0525) 851324

Midlands Division:
Unit 4, Larkhill,
Kiddermminster,
Worcestershire DY10 2NW
Telephone: (0562) 745202
Fax: (0562) 820474

BRATTLE

The Self Adhesive Tape Specialists

Call on 0839 772268 or enquiry number K10-438

The conference programme

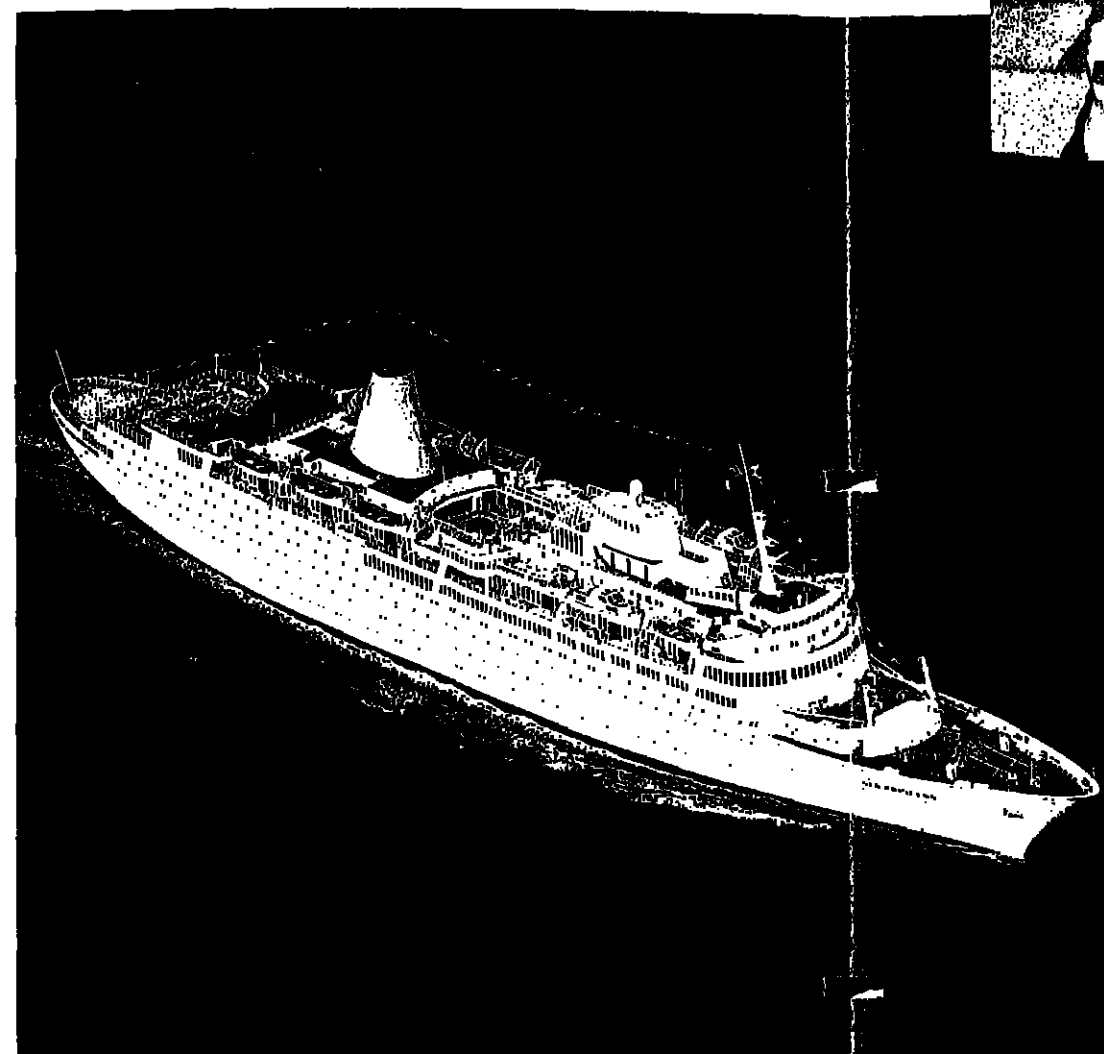
The detailed research among delegates and industry figures has enabled the organisers to put together a highly relevant and constructive conference programme. It addresses many of the current concerns of the industry in keynote presentations and practical workshops.

"Our aim," says Conference Organiser, Isabel Hutchings, "is to deliver both a comprehensive, strategic overview of the industry for a top-level, decision-making audience and to provide a series of interactive workshops which will produce real solutions and ideas."

The workshop programme will focus on four key areas:

- technological developments and innovation,
- the environment at minimum cost and for maximum competitive advantage,
- partnerships - panacea and progress?
- packaging price trends.

Separate sessions will be held for different industry sectors or types of packaging, giving delegates an opportunity of selecting the ones most appropriate to their business.



"The radical format of this new-style event really sets it apart from any of the conventional exhibitions and conferences which operate within a market sector. It has been designed to meet the complex needs of senior decision-makers who recognise the value of staying close to industry thinking but whose time for such updating is strictly limited."

Martyn Wilks, Market Development Director, Mars Confectionery

"The fact that delegates are included in setting the agenda for the conference programme ensures that the sessions are not only highly topical but also very productive. Participating at one of these events is like being part of a giant industry think-tank."

Steven Duncan, General Marketing Manager, Crown Barger

"What's really good is the opportunity to meet and talk to so many key people in one place over two days. The event provides a platform where the top customers and suppliers in an industry can focus on strategic issues and, by doing so, take a real step forward."

Gavin Walker, Marketing Director, Cussons UK

Keynote 1

'The Strategic questions we must face'

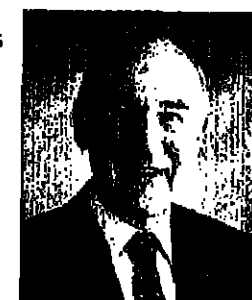
In a scene-setting opening presentation, Victor Watson, President of the Institute of Packaging, will focus on the strategic questions that decision-makers in the industry are now having to address in the rapidly changing markets of the 1990s.

"There are many challenges in front of us," he said, "but three, I think, stand out."

"Firstly, there is a growing concentration of power among retailers and manufacturers, which could have substantial implications, and secondly, the general internationalisation of business is forcing us all to take a hard look at production, distribution and markets."

"Thirdly, as with most industries today, technology and the speed of its advance is making a very significant impact, not least on planning and investment."

Victor, a former Chairman of Waddingtons, will also discuss trends in packaging and provide delegates with his view of how the industry can develop and prosper.



Keynote 2

Facing the future

Trying to assess industry trends demands consideration of a wide range of factors - from the globalisation of trade, conforming with new legislation and technology through to environmental needs, automation and integration.

In a wide-ranging keynote address, Brian Blunden, Managing Director of Pira International, will cast an expert eye to the future, considering sourcing issues as they relate to the supply chain and commenting on the use of such techniques as Porter's value-added chains.

"The implications of the European Single Market and their effect on packaging sourcing is another vital area we will focus on," he said, "particularly in the context of global market changes and the emergence of increased industrial activity in China and the Pacific Rim."

Keynote 3

Are partnerships the answer

One of the most widely debated issues in the industry is the question of partnerships, which will be addressed in a keynote presentation by David Johnson, Business Planning Director of Lawson Mardon Packaging Ltd.

Taking as his theme, *Partnerships - Panacea and Progress?*, David will outline his views and experience of the concept, drawing on examples from his own company. He will stress the need to choose strategic partners carefully and for each party to have a clear understanding of each other's motives.

Partnerships can change existing working relationships and, with the use of the right tools, can bring a range of benefits. But are they a panacea? David's conclusions are both enlightening and realistic.

Partnerships are also featured strongly in the workshops programme with separate sessions for different industry sectors. (See *Dogma versus reality*, Workshop 3)



Keynote 4

What does the consumer want?

To what extent has packaging innovation become a necessary condition of successful brand marketing? This key question will be addressed by Paul McGowan, Head of International Research at The Added Value Company.

In a keynote presentation, *Packaging for the Consumer*, he will discuss the contrasting trends of 'minimalism' and bulk-buying through discount stores, and look at which is the dominant trend.

He will also debate the question - "What value does packaging innovation really add?" - and examine the promotional implications of the part packaging plays in terms of consumer need.

Finally, Paul will broaden the scope of his presentation by focusing on Europe and assessing the degree of consistency on the Continent.



Keynote 5

Environment - the Industry's response

With increasing concern for the environment, how should the industry respond strategically to the issues raised? What are the benefits of environmentalism? What are the costs? Who pays?

These are just some of the questions to be faced in the fifth keynote presentation. The address will focus on how the costs involved should be spread through the packaging chain and will look at the impact of environmentalism on the bottom line. It will also discuss whether environmentalism offers the possibility of cost savings and competitive advantage, and consider the likely long-term solutions to the problem.

workshop sessions

Workshops 1

Innovation through technology

How to create innovation and benefit from technological developments in packaging is one of the four main themes for the workshops programme. Separate sessions will be held for industry sectors and products.

Running the 'innovation' workshop on drinks packaging will be John Thomson, Managing Director of drinks industry consultants, Zenith International. He says the priority must be innovation which is market-led and profit-driven.

His workshop will focus on a number of key questions such as how can packaging innovators respond to the trend towards premium and lifestyle products in beer and soft drinks. Also, what are the new ideas in multi-packaging of drinks?

John will lead a lively debate about the advances in material technology and, perhaps more controversially, about the European scene. Will Europe be a standard market or a series of niche markets and packaging diversity?

Workshops 2

Focus on 'Green' costs

The environment is a major packaging issue, affecting different material sectors in different ways. The workshops programme has therefore been organised to include separate sessions on plastics, paper and board, glass and metals.

Each, however, will use the theme *The environment at minimum cost and for maximum competitive advantage*.

Running the metals workshops will be John May, Marketing Manager of British Steel Tinplate, and Alex Griffin, National Manager, ACRA. John says drinks cans, food and petfood cans, paints, aerosols and other steel-based containers account for two out of every three metal cans on UK retailers' shelves.

The workshop will look at the environmental profile of steel cans, including recycled metal content, and at the relative merits of recovery systems and competing objectives. "The aim is to discuss all the issues interactively and then compare delegates' conclusions with the steel packaging recovery plan," said John.

Workshops 3

Dogma versus reality

"The dogma suggests that partnership is a panacea to drive business forward," said Alan Cooley, of PMMS Consulting, who will lead the series of workshops on partnerships.

"The reality is that what businesses are really seeking are effective business relationships that are clearly defined, measurable and which genuinely stimulate, drive and deliver change, and so improve the long-term viability of both customer and supplier."

Alan will run separate workshops for various sectors including food, drink, pharmaceuticals, toiletries and household goods. Each will focus on the questions: What is an effective business relationship? When and where should such relationships be the prime focus? Why do the vast majority of purchasers treat the word 'partnership' with considerable scepticism?

Workshops 4

Price trends - Where now?

After a turbulent period arising from the international recession, the packaging industry now faces a new challenge so far as pricing is concerned: can the rising costs of raw materials, and hence of converted packaging, be passed on?

This critical question will come under special scrutiny in a series of industry sector workshops run by Rowena Mills, Chairman and Chief Executive of RMA.

She said: "There has been intense turmoil in the past few years as the effects of recession have been felt in the world markets. With decreased demand, raw material prices fell. But now as countries move out of recession, prices are starting to move up."

"The key problem facing manufacturers," she added, "was how they could pass on any cost-based increases while under extreme pressure from major customer groups, pressurised as they are by the supermarkets, to hold prices."

Rowena will be holding separate shops for various industries including plastics, metals, glass, paper and board.

Workshops 5

Coping with special needs

Britain's increasingly ageing population poses a challenge for the industry. With poorer vision and reduced physical ability, elderly consumers can experience difficulty reading information on pack and opening products.

This important issue will be the subject of a special workshop run by Jane Moore and Ken Mulholland from the Institute of Grocery Distribution, which has been involved in a number of age-related packaging initiatives.

Said Jane: "The elderly are a significant and growing part of the consumer market and we have to address their special needs if we are to meet their expectations. In the workshop, we will be looking at how the industry can enhance product appeal at the same time as improving legibility and openness for the elderly."

Two other special workshops during packaging focus '94 will highlight specific issues: 'Packaging and the Decision to Buy' and 'Technology in Design - New Horizons'.



The delegate list

Over 200 delegates from the following list of companies have reserved a place at packaging focus '94

3 M Health Care Ltd Packaging Buyer
Abbott Laboratories Ltd Assistant Materials Procurement Manager
Abol Eastern Foods Ltd Purchasing Manager
Alcan Consumer Products Ltd Material Control Manager
Allied Bakeries Ltd National Packaging Manager
Allied Fridge Foods Ltd Packaging Development Manager
Allied Lyons Retail Development Manager
Anchor Foods Ltd Materials Manager
Anglia Oils Ltd Operations Director
Aston Manor Brewery Co Ltd Production Director
Avena Bakeries Ltd General Manager
B E International Foods Ltd Packaging Buyer
Bass Breweries Ltd Packaging Buying Manager
Baxters of Speyside Ltd Senior Buyer
Beauty International Ltd Operations Director
Beaverlac (Fine Foods) Ltd Purchasing Manager
Bondicks (Mayfair) Ltd Operations Director
Borel Ltd Purchasing Manager
Berry Brothers & Rudd Ltd International Brands Director
Ghecrest Convenience Foods Ltd Purchasing Manager
Bodycare Toilettries Ltd Purchasing Manager
Bowyers (Wilshire) Ltd Purchasing Manager
Bristol-Myers Squibb Pharm. Ltd Purchasing Manager
British Bakeries Ltd Packaging Buyer
British-American British-American Procurement Planning Manager
Britvic International Ltd Director of Purchasing
Brooke Bond Foods Head of Purchasing
Burger King EMA Pan European Purchasing Manager
Burlington Toilettries Ltd Purchasing Manager
Cadbury Ltd Cereal Buyer
Cereal Industries Ltd Marketing Manager
Channel Foods Ltd Commercial Director
Cheshire Wholefoods (Cereals) Ltd Senior Buyer
Courage Beer Company Ltd Manager Purchasing & Packaging Materials
Cow & Gate Nutricia Ltd Purchasing Manager
Crabtree & Evelyns Design Director

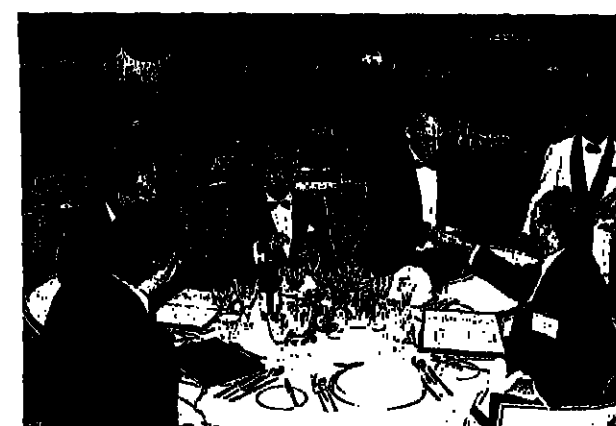
G U S Home Shopping Ltd Packaging Development Manager
Games Workshop Ltd Buying Manager
Geest Prepared Foods Packaging Development Manager
Gerber Foods Manufacturing Ltd Purchasing Manager
Glaxo Manufacturing Services Ltd Packaging Technical Centre Manager
Golden West Foods Ltd Purchasing Manager
Green Isle Foods Group Packaging Buyer & Technologist
Guinness Brewing GB Planning Manager
H B Fuller U K Ltd Sales Manager
H L Foods Ltd Packaging Buyer
H P Bulmer Ltd General Manager - Purchasing
H P Foods Ltd Senior Buyer
Hartstone Hosiery Operations Manager
Hasbro Europe Packaging Development Manager
Hazelwood Preserves Ltd Purchasing Manager
Helene Curtis UK Inc Director of Operations
Henkel Ltd Purchasing Manager
Highland Spring Ltd Operations Director
Iceland Frozen Foods PLC Packaging Technologist
International Distillers & Vintners Ltd Purchasing Director
Irish Sugar plc Group Packaging Development Manager
J & B Scotland Limited Packaging Project Manager
J A Sherwood & Co Ltd Company Buyer
J Sainsbury PLC Packaging Buyer
Johnson Wax Ltd Operations Director
K P Foods Group Purchasing Director
Kalon Group plc Group Purchasing Director
L E Pritchitt & Co Ltd Buyer
L R C Products Ltd Materials Buyer
Laporte Absorbents Senior Buyer
Lever Brothers Ltd Chief Buyer
Lever Europe Packaging Manager
Lever Industrial Ltd Logistics Manager
Longhorne Laboratories Ltd Commercial Manager
Lyons Tolley Ltd Materials Manager
M D Foods Plc Purchasing Manager
M O D Head of RAF Packaging Authority
M O D Army Head of Packaging Policy
M O D Navy Assistant Director
Manor Bakeries Ltd Buying Controller
Margette Food Ltd General Sales Manager - Catering
Marks & Spencer plc Packaging Development Manager
Marini & Rossi Ltd Operations Director
Moorland Foods Ltd Purchasing Manager
Moy Park Limited Group Purchasing Manager
Muller Dairy (UK) Ltd Purchasing Manager
NAPP Pharmaceutical Group Production Buyer
Nobel Coatings Ltd Materials Manager
North Devon Meat Ltd Purchasing Manager
Palaithorpes General Manager
Park Food Group plc Director
Paterson Arran Business Development Manager
Patterson Arran Marketing Manager
Pennine Foods Ltd Packaging Buyer
Perrier (UK) Limited Operations Manager
Pfizer Ltd Packaging Buyer
Pharmex Healthcare Ltd Purchasing Manager
Pillsbury Brands Europe Development Manager
Polycell Products Ltd Purchasing Manager
Potter & Moore Ltd Senior Buyer
Premier Biscuits Senior Buyer
Pretty Polly Ltd Logistics Director
Princes Ltd Packaging Manager
Procter & Gamble Research Manager
Pure Food Products Ltd General Manager, Purchasing
Quaker Oats Ltd Purchasing Manager
R H M Foods Ltd Senior Buyer
R W Cosmetics Director
Reine's Dairy Foods Ltd Packaging Buyer
Reckitt & Colman Products Ltd Head of Purchasing
Revlon International Ltd Packaging Development Manager
Rimmel International Ltd Plastics Packaging Buyer
Ross Young's Packaging Purchasing Manager
Safeways Stores plc Packaging Supply Manager
Sanofi-Winthrop Production Division Supply Chain Manager
Saphir Produce Ltd Packaging Manager
Scherling-Plough Ltd Purchasing Manager
Scholl Consumer Products Ltd Operations Director

Scottish & Newcastle Breweries Purchasing Director
Sollotape GB Ltd Packaging Buyer
Sotolape Group PLC Purchasing Manager
Sheaffer Pen (UK) Ltd Operations Manager - Europe
Smith & Nephew Consumer Operations Director Products
SmithKline Beecham Category Head: Packaging
Somerville Stores Packaging/Design Controller
Sony United Kingdom Ltd Controller
St Ivel Ltd Buyer
Stratford-Upon-Avon Foods Ltd Brand Manager
Tate & Lyle Sugars Purchasing & Supply Manager
Taunton Cider plc Production Director
Telford Foods Ltd Senior Packaging Buyer
Tesco Stores Ltd Packaging Technology Manager

"packaging focus '94 is different from other exhibitions because of the unique opportunity it affords specifiers and buyers to meet. Mixing with my peer group is not available at most other events so the chance to spend two days with them discussing current issues, innovation and new ideas is something I look forward to."

Kevin Hyde, Packaging Development Manager, Wella Great Britain.

The Boots Company plc Packaging Controller
The Cheese Company Ltd Senior Buyer
The Invergordon Distillers Ltd Purchasing Manager
The Kerrygold Co Ltd Technical & Packaging Controller
The New Covent Garden Soup Company Production Director
The Ryvita Company Ltd Commercial Manager
The Wellcome Foundation Group Packaging Buyer
Thorntons PLC Senior Buyer
Thorntons plc Senior Buyer
Tomy UK Ltd Managing Director
Tovall Health Drinks Head of Marketing
Trafford Park Bakery Buyer
Tranfield of Yorkshire Purchasing Manager
Treats Group Ltd Chairman
Trebor Bassett Ltd Packaging Buyer
Tulip International (UK) Purchasing Manager
Vitameale Packaging Buyer
W A Turner Ltd Edibles Buyer
W Jordan (Cereals) Ltd Buyer
Wella Great Britain Commercial Operations Manager
Westliffe Foods Ltd Buying Director
White Arrow Express Group Packaging Buyer
Whitworths Ltd Packaging Purchasing Manager
Wicks Building Supplies Merchandising Manager
Woolworths plc Packaging Design Manager



Further details

For more information on being considered as a delegate, please contact Vicki Morison. Attendance at packaging focus '94 is by invitation only and free of charge to delegates.

Or if you would like to become one of the leading companies exhibiting at packaging focus '94, contact Julian Gorst or John McKee.

Telephone: 081 332 2422
Fax: 081 332 0939

is organised by:
Richmond Events Ltd
London House
243-253 Lower Mortlake Road
Richmond
Surrey TW9 2LS

Tel: 081 332 2422
Fax: 081 332 0939

Information was correct at time of going to press 19th July 1994

packaging focus '94
22-25 September 1994
Sea Princess

Contacts:
Mark Rayner Managing Director
Julian Gorst Project Director
John McKee Project Manager
Vicki Morison Administration Manager
Isabel Hutchings Conference Manager
Charlotte Benton-Hughes Conference Assistant
Kerry Brown Technical Services Manager

MEET THE ASSOCIATION

Technical excellence at cost effective rates

To some people, the work of British Glass is about bottle banks and recycling facilities but, as Gail Lea discovered in conversation with director general, Bill Cook, there is a lot more to the organisation.

Up until 1987 there were two organisations representing the glass industry - the London-based GMF, which was involved mainly with lobbying, and the technically based BGIRA, which was located in Sheffield. The two bodies amalgamated in 1988 under the official title of the British Glass Manufacturers Confederation, which is more commonly known as British Glass (BG).



Dr Bill Cook, director general of British Glass, pictured promoting the 'flexibility' of glass in terms of product branding

record joined with his commercial experience is an ideal fit with the role carried out by BG itself, in servicing members in the containers, domestic and scientific glass groups.

There are now around 100 full, associate and research group members of BG which encompass large and small companies in every area of glass manufacture. For example, full members include Pilkington Glass Ltd, container companies such as Beaton Clark plc, Lax & Shaw Ltd and United Glass, as well as domestic glass producers such as Royal Doulton Crystal Ltd.

"Although the first two years after merger were difficult in terms of getting an academic-based and a London-based organisation to mix, it is our completeness of industry cover that is now one of our main strengths," says Dr Bill Cook.

The purpose of BG is to represent the British glass industry in the UK and Europe, and to become a leader

in technical research excellence for the European glass industry. Political lobbying forms a major part of BG's work, as with other associations, but Dr Cook emphasises that without the technical back-up, this could not take place.

"A great deal of legislation and issues facing our industry have a high technical content," he says, "so it is important that we have the lobbying and technical expertise in-house to deal with this."

Emissions control and soda ash production are just two of the major subjects tackled by BG over recent months.

BG has also been busy lobbying on environmental issues. It was a member of the original Copac organisation as well as currently working in the PRG process. "One of our strengths in this area is that we set up our bottle bank scheme many years ago, and with recycling rates of 30 per cent last year, we are well on the way to meet our target of 50 per cent by the end of the decade," says Dr Cook.

Over 16,000 bottle bank sites are now in operation and

Glass Foundation which has more to do with 'blue skies' projects in conjunction with universities and colleges.

Positive margins

Indeed, the positive margins gained over the last three years from what are described as core research projects has helped fund the setting up to the British Glass Foundation. Funds from the foundation will be used to establish university research programmes within colleges such as Sheffield and Sheffield Hallam.

"If and when any of this outside research is identified as being valuable to BG members, it will then form part of

our on-going core research programmes," explains Dr Cook. "It is through this kind of work that we can demonstrate our standing as a development organisation rather than just a purely research organisation."

"There is nowhere better in the UK to source a 'new glass' than at BG as our overall capability, built up via a rigorous research team, is much better than other independent organisations," he says.

In order to protect the value of the work done for members at BG, a modest patenting programme has been developed with the approval of the companies involved. Worldwide cover for interesting new glass compositions has also been established.

British Glass is based at Northumberland Road, Sheffield S10 2UA - tel: 0742 686201, fax: 681073.

For further information K10 Call for details 115 0839 772268

FROM 14 TO 19 NOVEMBER 1994 - PARIS-NORD VILLEPINTE

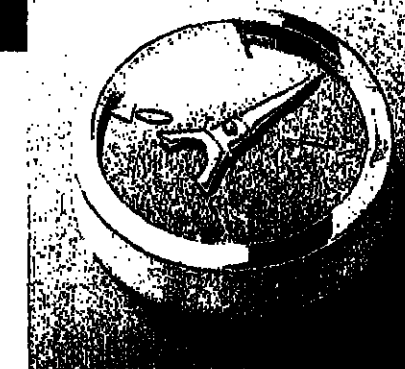
VISIT
EMBALLAGE 94
AND JUDGE ITS
EFFICIENCY FOR
YOURSELF.



EFFICIENCY
means optimising
your time.
EMBALLAGE 94:
packaging from
throughout the world
under one roof.



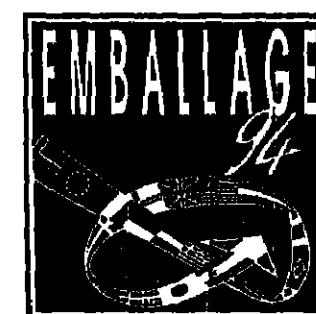
EFFICIENCY
means heading
straight towards
your destination
thanks to clearly
defined sectors
and signposting.



EFFICIENCY
means going in
the right direction.
To meet the
packaging world,
head for Paris,
the international
trade show capital.

Basic materials, packaging, packaging machines, customized packaging, storage, dispatch, handling, POS, printing, labelling, etc... With its 2,500 exhibitors, EMBALLAGE 94, the 31st International Packaging Exhibition, clearly reflects the market, its trends and latest developments.

An efficient visit to pick up a wide range of ideas and information: EMBALLAGE 94 from 14 to 19 November 1994.



The most efficient of
the major trade shows.

☐ Yes, please send me visitor's information for EMBALLAGE 94.

SURNAME:

FIRST NAME:

COMPANY:

ADDRESS:

POSTCODE:

TOWN:

Please complete and return the form to:
PROMOSALONS UK Ltd
The Colonade, 82 Bishop's Bridge Road
LONDON W2 6BB
Tel: (071) 231 36 60
Fax: (071) 792 35 25

Call on 0839 772268 or enquiry number K10-411

24 HOURS A DAY
7 DAYS A WEEK

For efficient, fast response put your vacancies on the

JOBS FAX LINE

To make sure your job vacancies reach the right applicant quickly and gain the maximum response put your vacancies on the Packaging News Job Fax Line.

Your vacancies can be accessed by potential applicants 24 hours a day, 7 days a week from any fax machine.

For information on how to place your vacancies on the Packaging News Jobs Fax Line call Jackie Skeel on 081 242 3156.

IF IN DIFFICULTY CALL OUR LIVE HELP LINE ON 0812 235 063 DURING NORMAL WORKING HOURS

CALL 0839 772268 TO SAMPLE THE SYSTEM

PACKAGING NEWS

18

NEWS



Stryon FL 5012 polystyrene resin suitable for sealable/peelable lids

Sealable, peelable ps resin for tubs

In response to the needs of the food industry, Dow Plastics has developed Stryon FL 5012 polystyrene resin for use in sealable/peelable lidding for polystyrene tubs.

The resin allows a monopolymer pack to be produced for products such as yogurt and fresh cream and, according to Dow, improve the levels of recycling at the same time.

"The Dow solution addresses the needs of each section of the food chain," says Bruno Barbet, market manager at Dow. "Process flexibility, design freedom, recycling and environmental performance will benefit packers."

"Converters utilising the new lidding concept will appreciate the flexibility of the resin in meeting their requirements," he explains.

"Tested extensively"

Stryon FL 5012 resin is the result of four years development work and has been tested extensively with converters, printers, machine manufacturers,

packers and consumers.

Due to the superior properties, ease of processing and performance, ps continues to be the first choice for rigid containers destined for the dairy market, says Dow (UK: Lakeside House, Stockley Park, Uxbridge, Middx UB11 1BE; tel: 081-848 8688, fax: 081-848 5400). The resin is said to meet environmental needs without compromising processing.

"Broad seal window"

Tests have shown that the resin meets these processing needs through a broad sealing window, smooth and homogeneous peeling and total compliance with all taste and odour requirements.

According to Mr Barbet, converters, packers and retailers can be confident that Stryon FL 5012 ps resin for sealable and peelable lids not only improves environmental performance but also provides a fully optimised lid solution for rigid food packaging containers.

For further information K10 134 Call for details 0839 772268

Medium speed filling for carbonated drinks

The range of medium speed rotary liquid filling machines developed in France by Sidel Packaging for glass and pet bottles of both still and carbonated drinks, particularly mineral water, is now available in the UK for the first time, following the appointment of Sussex & Berkshire Machinery as sales and service agent.

For carbonated drinks, the RSG range is available with 12-100 heads providing speeds up to 400 bottles a minute on typical 1.5 litre per bottles. Sidel's RSP machines, also with 12-100 heads, are designed for still filling, aimed principally at the

mineral water and spirits industries.

Speed is up to 650 bottles a minute on, for instance, a 1.5 litre per bottle, says S&B (Blacknest, Alton, Hants GU34 4PX - tel: 0420 22669, fax: 22667).

Both series of machines are equipped with filling valves developed by Sidel Packaging that use the minimum number of seals. This, points out Jack Ralston at S&B, reduces maintenance and cleaning time.

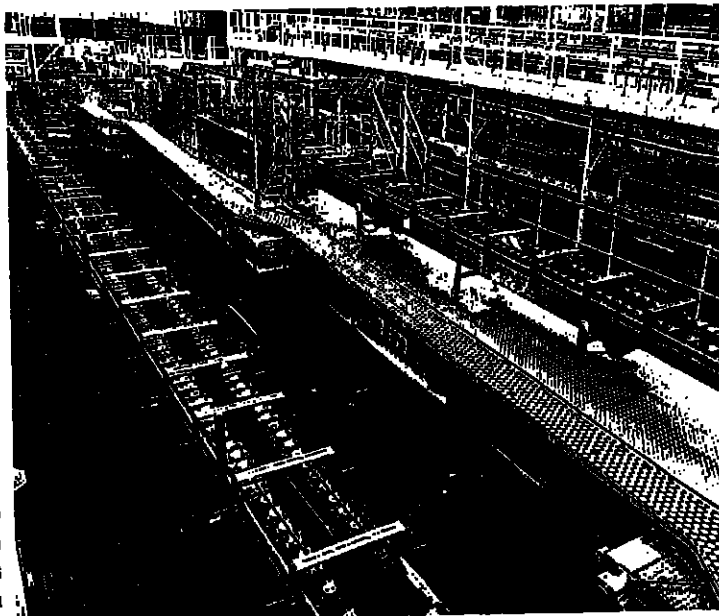
For further information K10 112 Call for details 0839 772268

NEWS

Handling system helps to ease line pressure

A complete multipack handling system from Dunn Systems Ltd has been commissioned at Britvic Soft Drinks Ltd's plant in Rugby. The system has been designed to ease the increasing pressure on other lines at the factory.

A special version of the Wagtail 2000 multipack orientation system has been installed to turn and divide multipacks at speeds of up to 300 a minute on the six-can pack. It can also operate on four and eight-can packs, as required, with minimum



changeover time.

Packs are then conveyed along a low back pressure conveyor, with fast changeover guide rails, ensuring smooth, reliable handling of packs from the Wagtail outfeed, says Dunn (Smisby Road, Ashby-de-la-Zouch, Leics LE65 2UR - tel: 0530 414444, fax: 411110).

The system has automatic selection of control for one, two or three lane operation. Analogue control of the metering belt conveyor optimises product flow and minimises line pressure at the infeed of the shrinkwrapper.

"Dunn has a good reputation and a lot of experience in conveying systems," says Bob Pursley, factory manager at Britvic Rugby. "We are very happy with the system and the way it is performing."

For further information K10 135 Call for details 0839 772268

The Wagtail 2000 multipack orientation system by Dunn

Collar style board pack for own-brand lemonade

Own-brand lemonade and mixer drinks from Tesco are one of the first bottled products to be marketed in a 'collar style' board multipack from Walmsley Ltd.

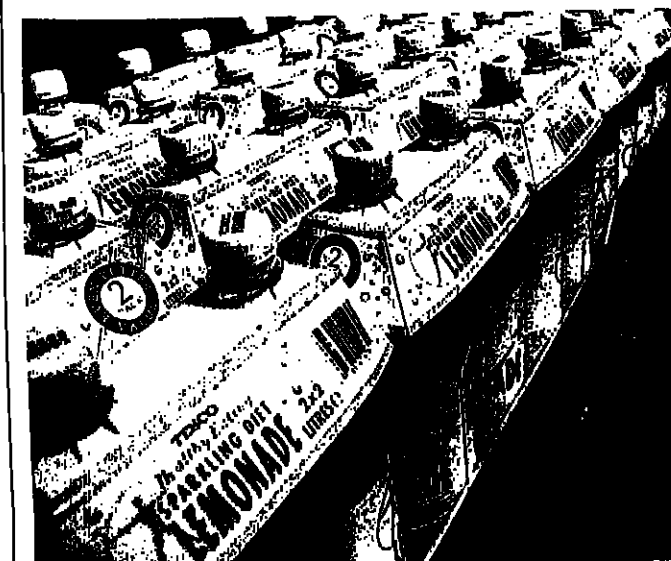
The move follows an £85,000 investment by Walmsley in a Keck multipacking system - only the second of its kind in the UK - to enter this market. The system produces a multipack tray or header which features a tapered design. This is said to allow for more effective stacking and transit options.

"Our market research indicated that many multipack

users are consistently troubled by handling problems and inadequate machinability of the packs on the end of filling lines," says John Hepworth, md of Walmsley (Dunnings Bridge Road, Bootle, Merseyside L30 6TR - tel: 051-523 2222, fax: 051-530 1244). "Keck has enabled us to develop more material efficient constructions with a proven level of line performance."

G Barraclough has also adopted the system for its Twist 'n' Squeeze drinks.

For further information K10 134 Call for details 0839 772268



The collar style board multipack provided by Walmsley Ltd

Recycled foam core

As part of its continuing efforts to produce 'long life' products from recycled pvc bottles recovered at its Reprise plant, European Vinyls Corporation (EVC) has carried out a successful development programme to produce the foamed core of coextruded cladding from recycled bottle material.

The process is based on conventional foam technology in which a solid pvc skin is coextruded over a foamed pvc substrate. Bottle replate is particularly suitable for this appli-

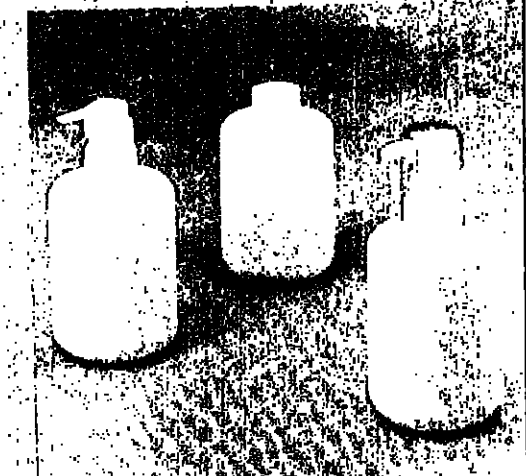
cation because it provides high melt strength and has the right rheological characteristics to give a good foam structure, says the company (Chester Road, Warrington, Ches WA6 0DF - tel: 0928 725311, fax: 725101).

Foam cladding has been extruded on a production scale coextrusion line at EVC's r&d laboratories and the company will now be working with producers of foamed products to carry out production trials.

For further information K10 133 Call for details 0839 772268

19

THE NEW DISSEM



A VERSATILE 2000ml DISPENSING SYSTEM

ON 1000ml, 2000ml, 3000ml, 4000ml, 5000ml, 6000ml, 7000ml, 8000ml, 9000ml, 10000ml

Plastohm uk

PACKAGING DIVISION

PLASTOHM Ltd, Unit 2, PACEMANOR CENTRE, Brooklands, BELLBROOK Ind Est, UCKFIELD, EAST SUSSEX, TN22 1YA

TEL: (0825) 768812 FAX: (0825) 768780

Call on 0839 772268 or enquiry number K10-447

Enjoy the Freedom!
and peace of mind



THERMAL TRANSFER RIBBONS

GENERAL PACKAGING

COMPUTER LABEL SYSTEMS

Label Applications Co. Ltd.,
900 Thornton Road,
Fairweather Green,
Bradford BD8 0JG.
Fax: 0274 482191.
Tel: 0274 483111

ATTACHING SYSTEMS COMPUTER SYSTEMS LABELLING SYSTEMS THERMAL TRANSFER RIBBONS CABLE TIE SYSTEMS

Call on 0839 772268 or enquiry number K10-415

Every ingredient in exactly the right quantity, prepared to absolute perfection. FRESH MADE DYNE SOLUTIONS ENABLE TACO TO MEASURE THE LEVEL AND ACCURACY OF TREATMENTS, EITHER ALL OVER OR IN STRIPES...SO YOU COULD TAKE A SLICE FROM ANY OF OUR FILMS, ANY TIME - AND FIND CONSISTENTLY HIGH QUALITY THROUGHOUT.

ONE REASON WHY OUR CUSTOMERS KNOW THEY CAN RELY ON TACO, FOR PRINTING, FOR LAMINATION, FOR WHATEVER APPLICATION, TACO FILMS ARE THE STAPLE DIET FOR HEALTHY BUSINESS...WITH EVERY INGREDIENT, FROM HUMAN AND TECHNICAL RESOURCES TO THE BEST IN RAW MATERIALS, BROUGHT TOGETHER TO PRODUCE THE FINEST RESULTS, WHICH ENABLES YOU TO CONCENTRATE ON SATISFYING THE DAILY NEEDS OF YOUR BUSINESS AND YOUR CUSTOMERS.

That's what makes us - and many of our customers - leaders in the market.



SETTING THE standard

TACO PLASTICS LIMITED, ROAD ONE, INDUSTRIAL ESTATE, WINSFORD, CHESHIRE CW7 3RD ENGLAND. TELEPHONE 0600 853134, FAX: 0600 853134. TACO PLASTICS IS A SUBSIDIARY OF BRITTON GROUP PLC

Call on 0839 772268 or enquiry number K10-563

Quick turnaround on blisters



Cookpak dual ovenable packaging system by Bonar Carton Systems

Minimal format gives ready meal savings

Savings in materials and production costs are among the benefits of a compact, dual ovenable pack for frozen and chilled ready meals, just launched by Bonar Carton Systems.

Called Cookpak, it is described as a minimal packaging format which can be erected, filled and sealed on standard Bonar Diotite cartoning equipment. This gives food manufacturers the flexibility of running either conventional freezer or dual ovenable cartons on the same line according

to need, says the company (Cheney Manor Trading Estate, Swindon SN2 2PT) - tel: 0793 529266, fax: 644197.

Cookpak is made from transparent or black pet coated board, and because there is no outer cartoning, sleeving, tray or lid required, a 40 per cent reduction in packaging compared to other systems is claimed. The packs are designed to be filled directly with product for display in a freezer or chill cabinet.

For further information K10 147 Call for details 0839 772268

Contract packer of tablets and capsules for the pharmaceutical and health foods markets, Wasdell Packaging has just had a fourth Noack blister packer supplied by Romaco UK.

"Quick turnaround is vital in our business, we frequently receive products on a Monday which need to be packed and despatched by Friday, so we need machines which can be changed over with minimal downtime," says Richard Wasdell, managing director of Wasdell.

"The Noack is ideal for us in this respect," he continues. "Its design is very straightforward, our engineers understand the machine well and we are able to change products in a very short time."

"We handle a wide range of formats, packing tablets or capsules into blister or strip formats, foil or pvc," he continued. "Having bought our first Noack in the 1970s, we

now have around 60 sets of change parts, so that we are prepared for almost every eventuality."

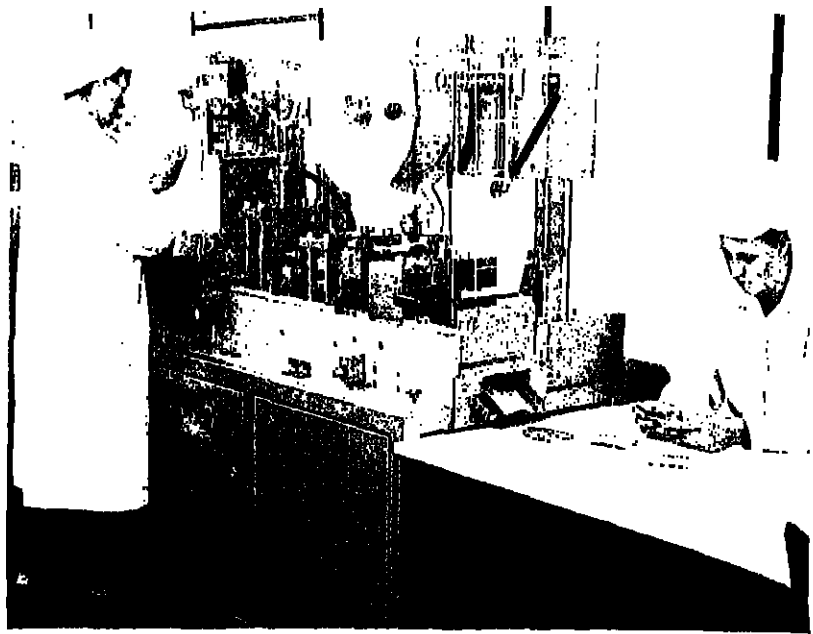
The Noack DPN760 is a flexible, well proven and ideal for contract packing businesses, says Romaco UK (Trinity House, Ermine Business Park, Huntingdon, Cambs PE18 6YA - tel: 0480 435050, fax: 414220).

At the same time, two Noack DPN760 blister packers have been ordered by Galen Ltd of Craigavon, Northern Ireland. They will

be used to pack a range of Galen's own branded and generic pharmaceutical products, in both tablet and capsule presentations, into clear or opaque pvc blisters.

Typically the machines will run at between 35 and 40 strokes a minute, producing three blisters per stroke.

For further information K10 140 Call for details 0839 772268



Pharmaceutical contract packer Wasdell has installed a fourth Noack blister packer

Preparation course for IOP Diploma

London Guildhall University is offering a course that helps prepare candidates for the Institute of Packaging's Diploma.

It starts this month and ends in May 1995, and com-

bines day release and evening study periods. Candidates will go through 45 informal and formal lectures, discussion periods and site visits which, says the University, will prove

valuable for any work situation, even if the examinations are not taken.

Classes will take place between 2.30 and 7.00pm on Wednesday afternoons and the

full course costs £350. A detailed programme of each session is available from the Short Course Unit, London Guildhall University, 84 Moorgate, London EC2M 6SQ - tel: 071-320 1430, fax: 071-320 1439.

For further information K10 139 Call for details 0839 772268

Joint sourcing finds solutions

The combining of GPG Containers and Linpac WCB under the divisional banner of Linpac Materials Handling will help customers to source the best solutions within the range of a single business, says Linpac.

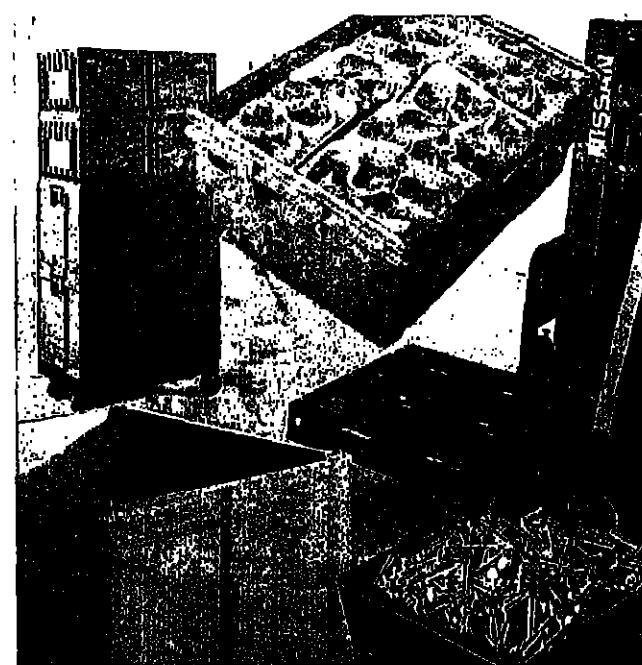
Previously separate divisions within Linpac Mouldings, GPG and Linpac WCB will have much greater opportunities to expand together, says general manager David Woodford. "This is a wonderful opportunity to improve our service, and gives us an unrivalled range of manufacturing processes to call upon to provide solutions to materials handling problems," he says.

This side of Linpac's business is expanding in mainland

Europe and other parts of the world including North America and Australasia. Products include pallets, rigid and folding box pallets, stacking, nesting and modular folding box systems.

Production processes include extrusion, vacuum forming, rotational, blow and injection moulding. Over 200 large machines are used in the major moulding companies, and further expansion is said to be planned in order to give greater choice and satisfy customer demand.

Success in the business has been helped by the increasing use of returnable rather than disposable packaging for transit. In areas such as pharmaceutical and retail distribution, systems which have since become the norm in



Plastics storage and handling products available from Linpac

Germany were first developed in the UK and Germany by Linpac, says the company. Design engineering teams are based at three sites in the UK and in France and Germany. Logistics

management is also offered, says Linpac Materials Handling (Luton Rd, Dunstable, Beds - tel: 0582 664255, fax: 668848).

For further information K10 148 Call for details 0839 772268

Forestry advances

Forestry industries from the traditionally competitive Scandinavian countries have overcome their differences to present the latest advances in their sector.

Jan Remrod, director general of the Swedish Pulp and Paper Association, says there are three principle aims behind the cooperation between his country, Finland and Norway. People should be made to understand exactly what forestry practices entail, what improvements have been made, and how the industry can contribute to overall economic growth.

Biological diversity

"During the last decade, special regard has been given to biological diversity," explains Liisa Saarenmaa, research sci-

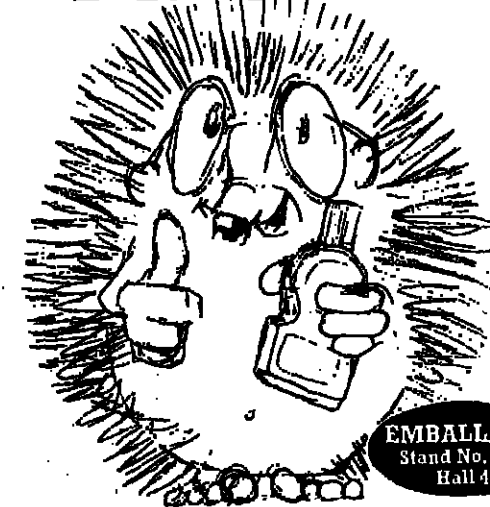
entist at the University of Helsinki. And the Norwegian Forest Owners Association makes it clear that modern practice is underpinned by legislation, with annual growth exceeding use.

Representatives agree that though there are increased costs involved with each upgrade of eco-sensitive forestry techniques, the industry will be prepared to face this.

These new methods were outlined in a London presentation. Summarising the changes taking place in the industry is a 28-page booklet, *Scandinavian Forestry*, available from the Pulp and Paper Information Centre (1 Rivenhall Road, Westlea, Swindon SN5 7BD - tel: 0793 887468, fax: 886182).

For further information K10 147 Call for details 0839 772268

PRICKLY



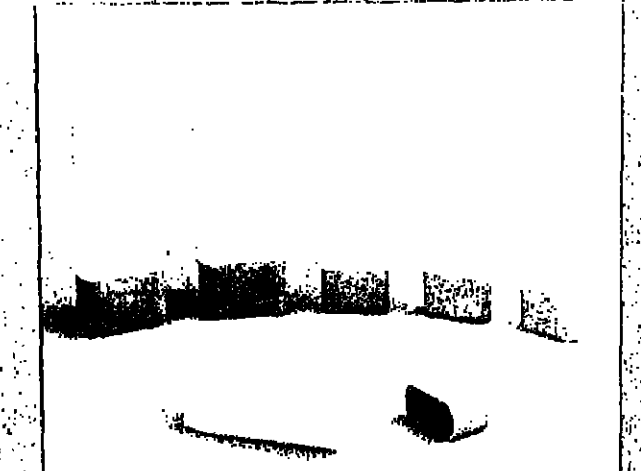
PROBLEMS SOLVED HERE

Experience, application engineering skills and the most comprehensive range of quality pressure-sensitive labellers are the strengths of Harland Machine Systems. Our investment in R&D has

never been stronger. So when you've a labelling problem just ask us the questions. We'll come up with a solution that is sure to fit the bill every time. It may be the answer you're looking for!

CALL THE PEOPLE AT HEDGEHOG HOUSE 0161 848 0622
Harland Machine Systems Ltd., Hedgehog House, 2 Millgate Avenue, Salford,
Manchester M6 2EY. Tel: 0161 848 0622 Fax: 0161 872 1517

Call on 0839 772268 or enquiry number K10-407



practical & easy to use
The Plastohm range is available in 20, 25, 30, 40, 50, 60, 75, 100 and 150mm
ONE OF MANY STANDARD CONTAINER FORMS

Plastohm UK
PACKAGING DIVISION

PLASTOHM Ltd - Unit 2, PACEMANOR CENTRE, Brookside
BELLBROOK Ind Est, UCKFIELD, EAST SUSSEX, TN22 1YA
TEL: (0825) 768812 FAX: (0825) 768780

Call on 0839 772268 or enquiry number K10-440

WE'VE JUST BLOWN £2MILLION ON PLASTIC

It's been on the cards for some time.

The 2nd phase of our advanced

blow-moulding facility. Now a

reality, the massive £2 million

investment at T&D Packaging's

Rotherham factory is designed to service

your plastic packaging requirements.

We're now an even more flexible friend

with greater production capacity and

even faster order turn-around.

T&D Packaging's range of plastic

containers includes capacities of 20 to

220 litres with different specifications,

many of which comply with stringent

UN regulations. We can also offer a

choice of closures and a modern in-house

printing unit.

We'll even work in partnership with you

to produce special, tailor-made

mouldings for special

volume applications.

Credit where it's due, this investment

underwrites our position as a leading

force in both plastic and metal packaging

products.

T&D Packaging, accepted at major

paint producers, chemical manufacturers,

adhesive, resin companies... everywhere.

Bowling House, Bowling Iron Works, Bradford BD4 6BX. Tel: 0274 728265. Fax: 0274 390731.

Call on 0839 772268 or enquiry number K10-436

PERFECTION IN PET!

We offer a wide range of standard PET bottles and jars from 250ml to 2 litres, and also specialise in custom designs to your own specification.



Roger Burr
Labplas (UK) Ltd
Irlton House,
The Tower Estate
Wargroves Lane,
Chalgrove, Oxon OX44 7TH
Tel: 0865 400 315
Fax: 0865 400 350

Labplas Bureau Franco
33 Rue de la Garene
77420 Champs sur Marne
Paris
France
Tel: (01) 646 87401
Fax: (01) 646 687135

Labplas SDN BHD
Lot 37653 Jalan 2/37A
SPK Industrial Park,
Taman Bukit Malin, Kepong
52100 Kuala Lumpur, Malaysia
Tel: (03) 6322 646
Fax: (03) 6322 652

Labplas (NZ) Ltd
119 Captain Springs Road
Onehunga
Auckland 1006
New Zealand
Tel: (09) 636 7813
Fax: (09) 636 5513

Labplas (Australia) Ltd
22 Yalgar Road
Kilrawee
New South Wales 2232
Australia
Tel: (02) 5218 444
Fax: (02) 5214 561

Call on 0839 772268 or enquiry number K10-559



Philip Corke

Philip Corke has joined Physa Containers as managing director of the Containers UK division, one of the four divisions of the £88 million turnover group. He will report directly to Physa plc managing director, Malcolm Macintyre.

Greg Mullins has been appointed managing director of Leeds-based Plastohm, a subsidiary of John Waddington plc.

Barbara Jackson, previously with Reed Exhibitions, has joined PPMA, the Processing and Packaging Machinery Association, as business development consultant.

Robert B Williams has stepped down as managing director of Schades Ltd, and is succeeded by Philip Clarke, the previous sales and marketing manager. Mr Williams, who is group managing director of Schades Papier AG, will remain on the board of the UK company as chairman.

Sandy Younger, marketing director of The Simpson

Label Co Ltd, has been elected president of FINAT, the international association of the self adhesive label industry. Mr Younger was elected to the office for the next two years at this year's Congress in Cologne, Germany.



Sandy Younger

Michael Mealing has been appointed as the new chief executive of the Institute of Waste Management.

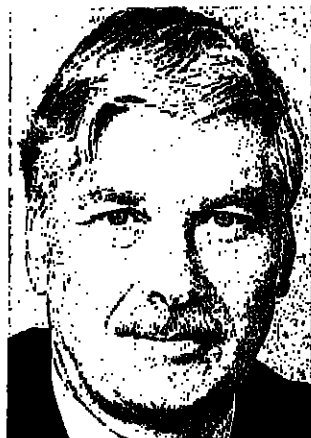
Neal Whipp has joined Boxfoldia Ltd as marketing and sales director, having previously been head of sales and marketing at Bous Print Ltd.

Geoff Holbrook has joined Timgate Forms & Labels as the southern area salesman, having previously worked for the company Pricemaster.

Tony Mitchell, formerly of thermofforming company Impact, has joined Polbeth Packaging as director of sales.

Ron Harding has been appointed sales executive at Rober Houghton Agencies, a

move that follows the recent acquisition of a majority stake in the Letchworth agency by Engelmann and Buckham (Holdings).



Marc Jacobs

Marc Jacobs has been appointed technical manager for Mead Coated Board (UK).

Bert Keary, previously with UCB Packaging Ltd, has joined Paramount Packaging (UK) Ltd as production manager.

John Harbour has joined Harland Machine Systems Ltd as technical representative for its range of pressure sensitive labelling systems. He will represent the company across the South West of England and South Wales.

Mark Davies, previously with APV Baker, has joined the Klockner Hansel (UK) sales team and will be responsible for selling the range of processing and wrapping machinery.

Gordon Mackenzie has joined Fleet Laboratories as sales executive for the contract manufacturing side of its pharmaceutical business.

Colin Stickland has been appointed product manager for the tea division of Beiersdorf UK Ltd.

Ted Whitehead has retired from his position of area sales

manager for the south east at T & D Packaging, after 43 years in the packaging industry and the past seven with T & D.

Ian Owens is the new technical area sales representative for the North of England and Scotland for T & D Bison, a division of T & D Industries plc.

Paul Gibbs has joined Decorative Sleeves Ltd as southern area sales manager having previously spent 10 years with Courtaulds Packaging Cannings.

Giovanni Solferini has resigned from his position with the Guala Group to pursue his own activities.

Dave Charlton has been made finishing technical specialist at Pershke Price Service Organisation to help extend the market for the Herzog & Heymann range of folders.

Roger Rowland has joined Claygate Chemicals as technical sales manager and will handle sales of a range of opp laminating films and laminating equipment.

Peter Clarke has been appointed a non-executive director to the board of Jarvis Porter Group plc.

David Horton has joined Arp Wiggins Carbonless as market manager for Idem reels and Idem superior products.

The People Page is sponsored by



Tel: 0480 493344 Fax: 0480 493343

Pallets checked, scanned and thoroughly tested

A pallet inspection system combining both mechanical strength testing and camera-based surface scanning is now being marketed in the UK by J-L Automation Ltd.

While including mechanical measurement of the loading capability and the strength of joints, as on several installed systems, JL has worked together with Thyssen Still Otto Anlagentechnik to add a vision inspection module which checks for surface damage and accurately measures the overall size.

The optical phase consists of a pe-controlled vision unit incorporating an integral vision board and digital signal processing unit. Up to three cam-

eras can be connected to the basic system, and by adding a multi-camera board this number can be extended to eight.

"Examines plank spacing"

Camera checking from top and bottom examines plank spacing, widths and overall size, which is critical if the pallet is going to enter an automatic handling system.

Inspection can take place while the pallets are moving, at speeds of up to 320 pallets an hour, says the company.

Block inspection is carried

out with side-mounted cameras, checking for the sort of damage that might be inflicted by fork lift trucks. Visual inspection is the only way of checking block damage economically due to the wide range of possible faults, says J-L (Unit 2C Hylton Park, Hylton Riverside, Westington Way, Sunderland, Tyne & Wear SR5 3NX - tel: 091-516 0007, fax: 091-549 3662).

A twisted block is one example of the sort of fault that might pass a mechanical test but will be picked up by a vision system. If left undetected this might jam a handling line.

Other checks that are carried out include detection of

"Technique added"

J-L has added the technique to its existing range of high speed machine vision systems. These account for some 200 installations throughout Europe ranging from cosmetics inspection to robot vision guidance.

The company estimates that there are around 20 million pallets throughout Western Europe used for both storage and transit, representing in total a multi-million pound investment.

For further information K10 156 Call for details 0839 772268



Slot gives hanging savings

Avoiding the need for header cards for hanging displays is a self- or heat-sealable pe pack from Braythorn plc, with a Euroslot punched directly into the plastics above the seal.

Product names and information or logos can be printed directly in up to six colours onto the Euro-Display pack,

or onto a separate card insert, says Braythorn (Phillips Street, Aston, Birmingham B6 4PT - tel: 021-359 8800, fax: 021-359 8412).

The system offers savings in time, manpower and overall costs, says the company.

For further information K10 157 Call for details 0839 772268

welcome to our new arrival!

Ducon Limited are proud to announce the arrival of a mini-platter to the family of Oval Platters. The 8550 mini-platter joins the successful range of oval platters manufactured in the United Arab Emirates.

The disposable platters are ideal for a variety of indoor and outside catering functions - weddings, birthdays, anniversaries - in fact any celebrations that needs that extra touch of class, but at an economic price.

OUR FULL RANGE OF ALUMINIUM FOIL CONTAINERS & TRAYS NOW CONSISTS OF:-

- 8550 - mini-oval platter
- 8586 - small-oval platter (available in silver & gold finish)
- 65180 - medium-oval platter (available in silver & gold finish)
- 85220 - large-oval platter



PO Box 16940 - Dubai - UAE
Tel: (+971) 4-816164
Fax: (+971) 4-815114
Telex: 48553 DUCON EM



For further information on our wide range of disposable foil containers used in food and catering markets throughout the Middle East, Europe and the Far East please fill in the following coupon:-

Name	
Company	
Address	
Postcode	Telephone

Send to: Sales & Marketing Director, Ducon Ltd., P.O. Box 16940, DUBAI, U.A.E. Telephone: (+971) 4-816164 Fax: (+971) 4-816114

Call on 0839 772268 or enquiry number K10-402

INSERTING COUPONS

ROLL STOCK • CUT and STACK

Both methods have their Advantages • Both have their Limitations

Why choose one over the other...YOU CAN HAVE IT ALL!

NEW

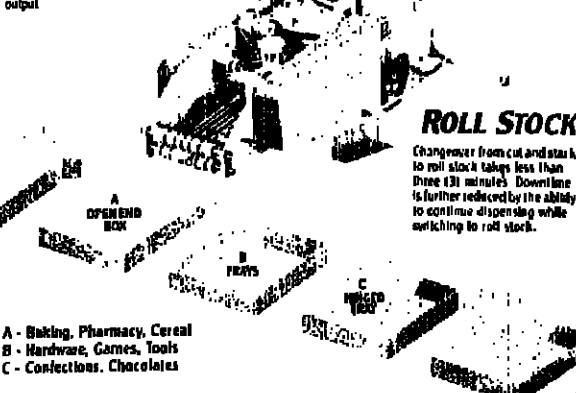
Longford introduces the new method of coupon dispensing. All of our new top perforators have been redesigned to accept coupon in - roll stock, cut and stack or continuous wrapped. Our Coupon Dispenser and profit both marketing and production.

INNOVATIVE

This system is portable and over the latest in microprocessor controlled logic - not only for communications to the primary system but also to drive air or more serve motors. The result is a unit that is versatile and very reliable.

CUT and STACK

Two patents ensure the highest efficiency in the industry. Longford's new Patent Controlled Feed Wheel improves both speed and output.



ROLL STOCK

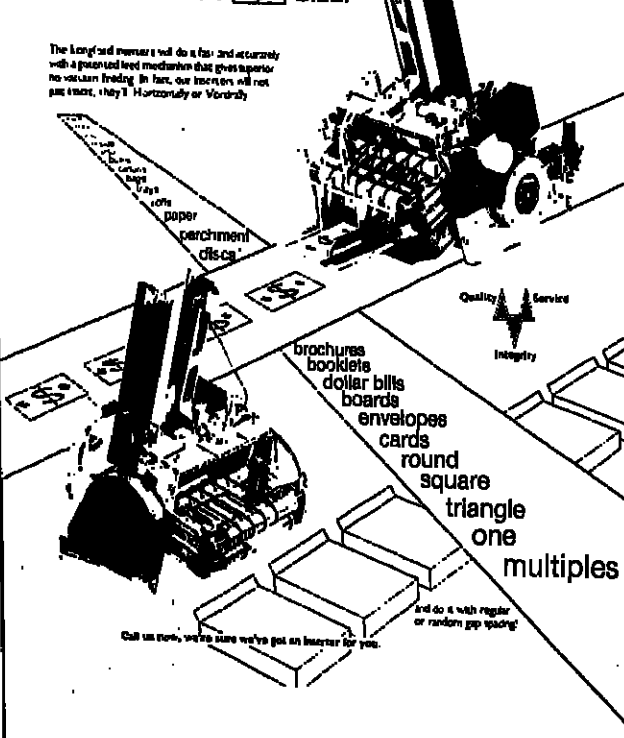
Changeover from cut and stack to roll stock takes less than three (3) minutes. Downline is further reduced by the ability to continue dispensing while switching to roll stock.

- A - Baking, Pharmacy, Cereal
- B - Hardware, Games, Tools
- C - Collectibles, Chocolates

LONGFORD EUROPE N.V. Gouverneur Ropesingel 81/2b, B-3500 Hasselt Belgium
TEL: 32 11 284026 FAX: 32 11 284032

Call on 0839 772268 or enquiry number K10-419

INSERT A COUPON - OR PLACE A BILL!



MULTI-PACKING

Typical Multi-pack formats handled by Mailway Packaging Group

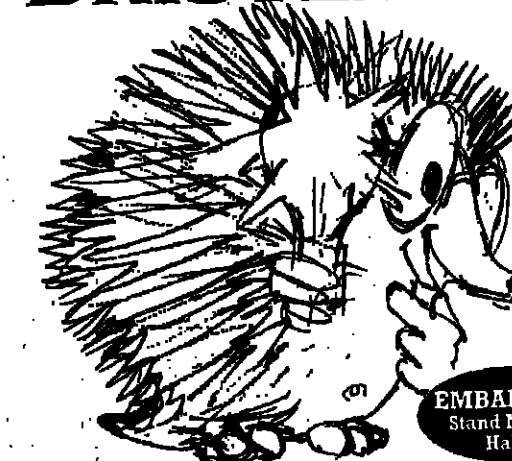


- ASSORTED VARIANT PACKS
- CLEAN ROOM FACILITIES
- CAPACITY FOR HIGH VOLUME PRODUCTION
- WIDE RANGE OF PACKING FORMATS
- ONE STOP SHOPPING
- CREATIVE AND FLEXIBLE APPROACH
- 20 YEARS EXPERIENCE
- NATIONWIDE COVERAGE

MAILWAY PACKAGING GROUP
BRADFORD FACTORY
TELEPHONE 0274 720019
AYLESBURY FACTORY
TELEPHONE 0296 415771

Let us save you time, money and disruption at your factories
Call on 0839 772268 or enquiry number K10-558

BRISTLING



WITH INNOVATIVE IDEAS

We've developed a range of pressure-sensitive labelling machines and systems that are full of proven - and often unique - features. From microprocessor-controlled applicators to high-speed rotary machines, Harland Machine Systems have

successfully led the market in state-of-the-art technology which more than keeps pace with its requirements.

Take a look at our ideas in action today. We may well have the answer you've been looking for!

CALL THE PEOPLE AT HEDGEHOG HOUSE 0161 848 0622
Harland Machine Systems Ltd, Hedgehog House, 2 Michigan Avenue, Salford, Manchester M5 2GY
Tel: 0161 848 0622 Fax: 0161 872 1547

Call on 0839 772268 or enquiry number K10-407

PRINTERS • LABELS • PASSIVE TAGS • DATA CARRIERS • SCANNING • DATA CAPTURE

THE COMPLETE SOLUTION TO AUTO ID

<h3>THERMAL PRINTERS</h3> <p>Earlsmere's range of Thermal and Thermal Transfer Printers are available as stand alone, PC driven or directly connected to a Mainframe or Network, giving total on demand flexibility.</p>	<h3>LABEL DESIGN SOFTWARE</h3> <p>"Technique" Computer Labelling System Earlsmere's "Technique" software label design program makes label production simple. Full on screen WYSIWYG allows visual text, bar code and graphic creation. Text rotation and image scanning are standard features. Label save and recall allows instant label production without the need for multi menu choice.</p>	<h3>DATA CAPTURE</h3> <p>Earlsmere supply both Fixed scanner and Portable Data Capture Units, ensuring the right product, in the right place, at the right time.</p>
--	--	--

TOMORROW'S - TECHNOLOGY - TODAY

Call on 0839 772268 or enquiry number K10-435

THIS IS AN ADVERTISING SPACE

Plastohm uk
PACKAGING DIVISION
PLASTOHM Ltd - Unit 2, PACEMANOR CENTRE - Brookside
BELLBROOK Ind Est - UCKFIELD - EAST SUSSEX - TN22 1YA
TEL: (0825) 768812 FAX: (0825) 768780
Call on 0839 772268 or enquiry number K10-449

NO BULL...

just quality labels at competitive prices on time EVERY TIME.

Interested? Contact us now.

Competitiveness, flexibility and promptness are nothing without a quality product, and that's where OPM can confidently assure you of the best.

Overprinting Machines (U.K.) Ltd.
Speedprint House, Halifax
Road, Cross Roads,
Keighley, West Yorkshire,
BD22 9DL
Tel: 0535 642528
Fax: 0535 643958

opm
LABELS

WE PUT OUR NAME ON THE LINE TIME AFTER TIME AFTER TIME...

HOWDEN

The experience of Gestec is now joined to the power and customer commitment of Howden to offer bottling and packaging customers a better service than ever. The A to Z of packaging - and all points in between.

HOWDEN PACKAGING EQUIPMENT SCOTLAND
Old Govan Road, Renfrew PA4 8XJ Tel: +44(0)41-8866711

Howden can handle it!

24 NEWS Sticker for stacking



An adhesive which is said to overcome the need for shrinkwrapping and banding methods to be used on palletised systems, by providing the means to hold product in the stacking position itself, has been launched by Dunlop Adhesives.

Dunlop sees the use of this adhesive as particularly applicable to European markets, notably Germany, where there is increasing opposition to shrinkwrapped products due to the DSD recycling system. Tested to European standards, the adhesive eliminates the need, in most cases, for shrinkwrapping and banding of flat walled cartons, says Dunlop (Chester Road, Birmingham B35 7AL - tel: 021-373 8101, fax: 021-384 2826).

Instead, when applied to the 'inside' surfaces of the carton, the adhesive provides sufficient bond strength to allow product to be stacked in the normal manner while still being easily separated for handling.

"This product can be easily and almost instantly applied either by hand or automated equipment and shows no detrimental effect on packaging, either visibly or by touch," says Malcolm Cox, marketing manager of Dunlop. "We are now actively seeking companies that may be interested in this palletising technique."

The adhesive gives sufficient bond strength to allow product to be stacked while still being easily separated for handling

For further information K10 136 Call for details 0839 772268

LABELLING SYSTEMS

File Edit View Label Help

Design and Print

Prism for Windows gives you fingertip control over your label production... even inexperienced operators will find it easy to follow the step-by-step process.

Using True Type fonts you can change and mix font styles...

With the addition of barcodes and graphics you can produce outstanding labels in seconds!

Prism's rapid download feature enables high speed production printing...

Call us now for more details or ask for our local representative for a demonstration.

MP MAP 80 SYSTEMS LIMITED - UNIT 3 - KESTREL BUSINESS PARK - IVANHOE ROAD - FINCHAMPSTEAD - WOKINGHAM - BERKSHIRE - RG11 4QQ

TELEPHONE +44 (0)734 731800 - FACSIMILE +44 (0)734 731900

Call on 0839 772268 or enquiry number K10-420

freshness

FVB

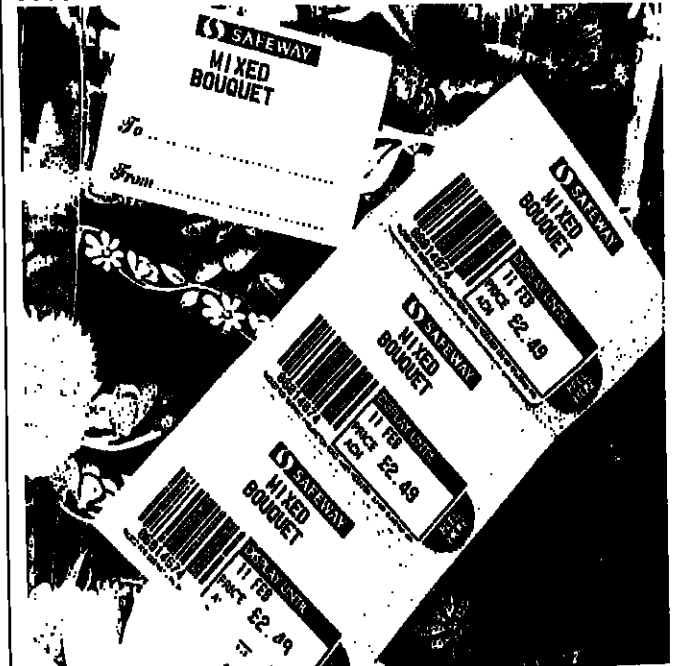
Product FRESHNESS
Better SHELF LIFE
Export QUALITY packaging
Advanced BARRIER (immediate)
COST effective

CONTACT
Europe's leading specialist in METALLISED BARRIER FILMS & LAMINATES

For example, inner cartons have now been replaced with pe films and bags, while intermediate silicone paper layers have been substituted with pe intermediate layers. All labels are now pe based.

As well as providing simple disposal, with shipping cases sent for paper recycling and

Call on 0839 772268 or enquiry number K10-550



The self adhesive label produced for Safeway by Norprint UK

Double in one label

A point of sale price label that converts to a gift label, and back, has been produced for Safeway by Norprint UK.

At first glance, the self adhesive label looks like a conventional price and product label. A 'peel here' tab, however, indicates that the bottom portion - carrying the price and other details - can be removed. Revealed beneath is an identically coloured label with 'to' and 'from' preprinted as in any gift label. The only other preprint remaining is Safeway's name.

The key to this 'peel and re-label' construction is that if the label is tampered with or part-peeled in store, the peeled portion can be stuck down again by Safeway staff, without spoiling the pack, says Norprint (Horncastle Road, Boston, Lincs PE21 9HZ - tel: 0205 365161, fax: 364825).

The three colour label, used initially on flowers and pot plants, is delivered direct to Safeway's suppliers. They overprint the necessary variable information.

For further information K10 137 Call for details 0839 772268

Tapes transit wrap easy to dispose of

Buyers of self adhesive tapes from the tesa division of Beiersdorf UK Ltd will now have product delivered in transit packaging designed for easy disposal.

For example, inner cartons have now been replaced with pe films and bags, while intermediate silicone paper layers have been substituted with pe intermediate layers. All labels are now pe based.

As well as providing simple disposal, with shipping cases sent for paper recycling and

just one other material, pe, being used, the overall weight and volume of packaging has also been reduced, says the company (Yeomans Drive, Blakelands, Milton Keynes, Bucks MK14 5LS - tel: 0908 211333, fax: 211555).

At the same time, Beiersdorf points out that pe provides an excellent dust and humidity barrier and, because it is transparent, it also helps in the unpacking of cases.

For further information K10 136 Call for details 0839 772268

Swindon students show design pedigree

Vast numbers of prizes are always won by Swindon College's students in the IOP's Student Starpack Awards. This summer, Gall Lea visited its final year show to find out more about how the college prepares its students for the future

offers a choice of one or three specialist pathways: graphic design, packaging design or illustration. In each pathway, emphasis is placed on professional practice and close links with industry are fostered, underpinned by Business and Professional Practice studies.

In each of the three years, study of a foreign language and exchanges with European countries are included, which are said to prepare students for work in an increasingly international market.

The HND Diploma course will continue to run at the college, a course which since it was inaugurated in 1987, has established a high reputation in the packaging field. Past students are now working in all areas of packaging and related design industries.

Specifically, the course aims to produce young creative designers who have an awareness of market, production and environmental considerations which they can apply in three design areas:

- Design consultancy
- Packaging manufacture design function
- Packaging user design function

This year Swindon picked up the Eric Dickens Memorial Award for the third consecutive year in the Institute of Packaging's Student Starpack Awards. This cup is presented to the college winning the most awards throughout the competition.

Close links with industry either through official channels



Mark Wardlow's Kia-ora pouch was designed to promote an economic 'eco-friendly' alternative to the pet bottle. Interest has been shown in the concept by a large supermarket chain

structured at most from two components - a carton and vac forming - and had to be easily erected and filled by hand. It also had to be economical in terms of perceived environmental standpoint and on unit price.

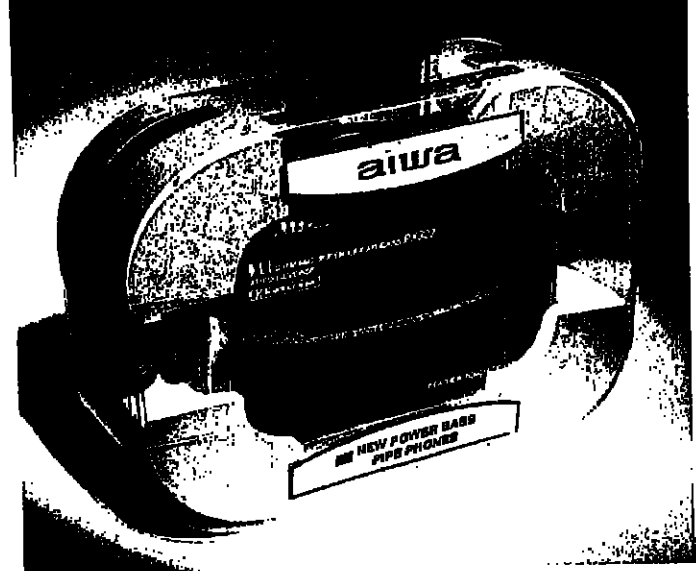
A £150 award and a four-week work bursary was on offer to the winner. Taylowe has worked with Swindon College for several years, and are convinced that it is in the packaging industry's own interest to give students the opportunity to realise their potential.

Work with the college has led to three students finding employment in Taylowe's design department.

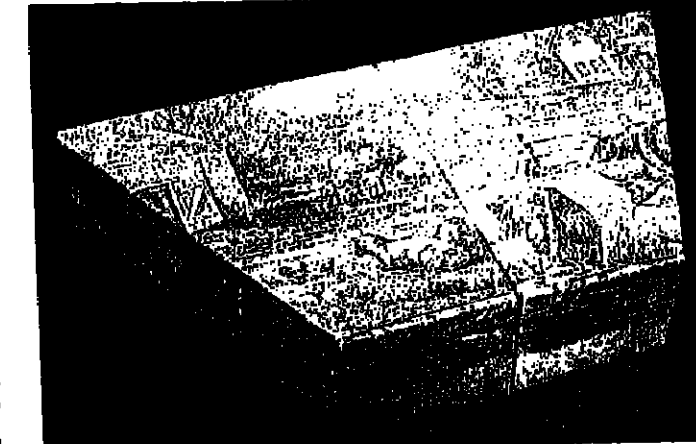
This sentiment is echoed by Kumar Abraham, packaging project manager at Elida Gibbs, and one of the panel of judges for the Lynx project. "We encourage links between education and industry and are delighted with the efforts from the students in response to the brief," he says.

For further information either the HND or Degree course, contact course leader, Rod Simmonds at Swindon College (Regent Circus, Swindon, Wilts SN1 1PT - tel: 0793 491591, fax: 641794).

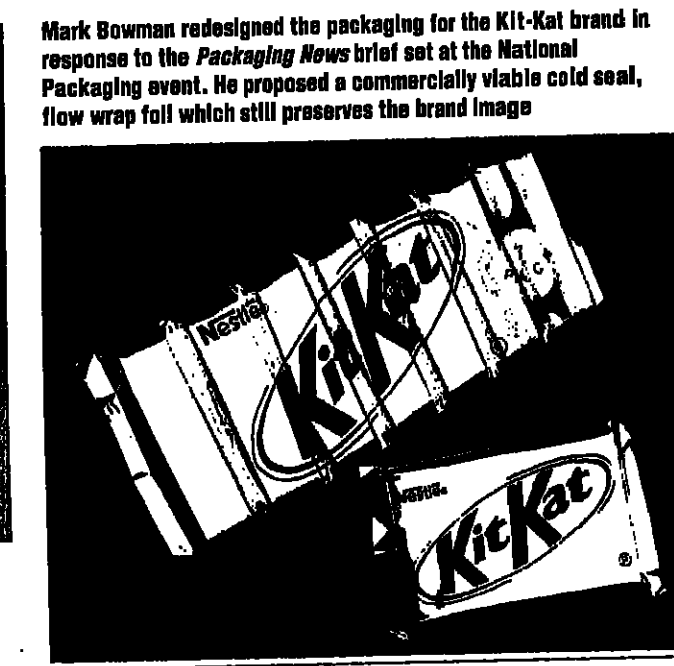
For further information K10 138 Call for details 0839 772268



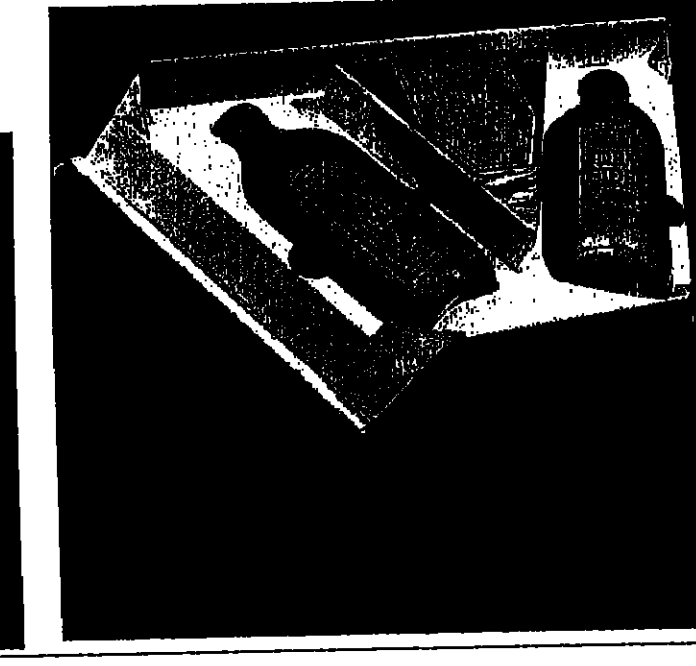
Mark Wardlow's stereo pack was designed for the Student Starpack competition. It is a transparent pvc pack with foam styrene corner supports which hold the stereo in place. It also gives the stereo excellent protection and visibility, as well as perceived added value.



Neil Marshall's cheese and elder presentation pack is shown closed (above) and open (below) to demonstrate the attractiveness and display potential. It was designed to answer a Royal Society of Arts brief for a pack to promote 'regional speciality' foods. The subtle graphics and choice of material target either the Harrods / Fortnum and Mason market or the high class regional delicatessen



Mark Bowman redesigned the packaging for the Kit-Kat brand in response to the Packaging News brief set at the National Packaging event. He proposed a commercially viable cold seal, flow wrap foil which still preserves the brand image



Bech Van Tran's pack for The Body Shop is a simple but effective construction using single faced corrugated material developed by CPL (part of David & Smith Group). It helps to project the no-nonsense image of the 'green' retailer

SHORTER LEAD TIMES - INCREASED SERVICE

UK manufactured high quality rigid films for the display and packaging industries.

EXCEPTIONALLY COMPETITIVE LEAD TIMES

FORM, FILL & SEAL APPLICATIONS

TECHNICAL BACK-UP AND SUPPORT SERVICES

UK BASED MANUFACTURING FACILITY

JIT PRODUCTION

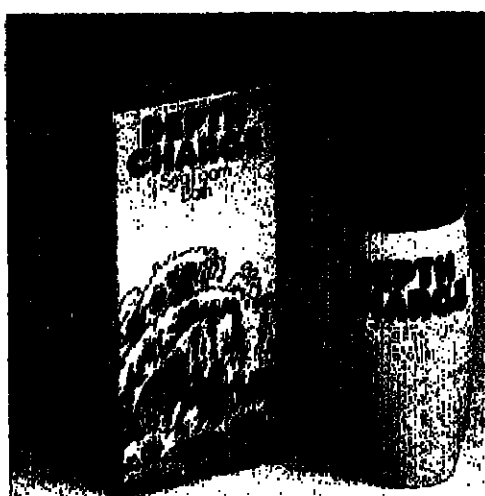
CALENDERED PLASTICS LIMITED

Mid Glamorgan CF8 2WL Tel: 0222 851919 Fax: 0222 867749

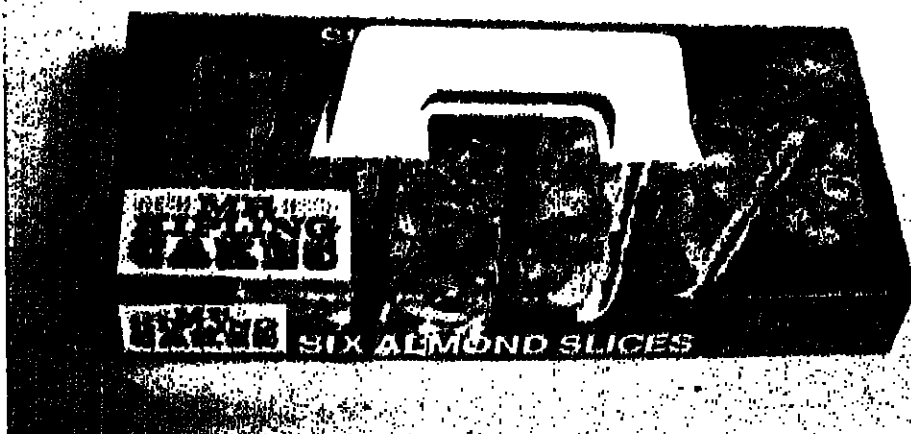
Call on 0839 772268 or enquiry number K10-434

GLASS ENTERS A SECOND LIFE

Even while packaging was set to overtake building as the biggest UK user of plastics, glass was proving that it had plenty of benefits and imaginative design possibilities of its own.



A MIX OF MESSAGES FROM AN EXPERIMENTAL '60s TOILETRIES PACK



THE CARRY-HANDLE ON CARTONS OF MR KIPLING CAKES WAS SUBSEQUENTLY DROPPED AND INCORPORATED INTO THE LOGO

The Labelling of Food Regulations, first laid before parliament in December '67, were raising a storm of protest early the following year. The provisions, when put into effect in January 1971, would significantly add to the cost of packed food, said critics. "In fact, the regulations appear to be yet another club fashioned by the government to beat to death its own prices and incomes policy," PN growled in its February '68 front page lead.

Plastics accounted for ten per cent of money spent on packaging in Europe, delegates were told at a conference at the beginning of 1968. These materials were no longer considered to be novelties, and research among housewives, comparing findings from six years before, found that plastics packaging was no longer considered to add to the final cost of a product.

But glass was fighting back with new designs and marketing strategies. Now-familiar packs appearing on the scene for the first time included the Teacher's scotch whisky clear glass bottle. This oval-section bottle from Rockware Glass replaced a round green one.

Containers designed for reuse included, in March '68, the Maxwell House "Old English" coffee/storage jar in opal glass, also from Rockware. With a height of six inches and diameter of four inches, the jar was probably the largest ever opal glass container made in the UK, said PN.

The pack, which included a plastics stopper, involved an early example of tamper evidence. As PN explained: "To give security in transit and deter pilfering, there is a band of pvc around the join of the lid and body. This is applied by hand

and then shrunk into place by a shrink tunnel."

General Foods had been having great success with its Maxwell House pack incorporating a reusable glass tumbler. The closure was a snap-on



CHILLED DESSERTS WERE MAKING AN APPEARANCE, PACKED IN PLASTICS TUBS WITH CARD OR FOIL LIDS

pp lid over a Lectraseal foil membrane. The 4oz tumbler was produced by Ravenshead Glass and supplied through Johnsen & Jorgensen Ltd.

A snug fit between bottle and closure is to be expected, but the Union de Brasseries Parisienne took this one step further, adapting the base of their beer bottles to produce a cavity which acted as an "opener" for the twist-off crown of a second bottle.

But in some volume applications, glass was

seen to be slipping. At the end of 1968, East Kilbride Dairy Farmers of Glasgow became the first dairy in the UK to pack milk in Tetra Brik cartons and the first in the world to experiment with two-pint cartons. Other dairies were planning to follow this lead, installing standard or aseptic filling equipment.

French mineral water Virrel had moved out of returnable glass into an Oscar de l'Emballage winning pvc bottle. The company required that the bottle should cost no more than the glass it replaced. More than six years of development went into the launch. The bottle could be filled at speeds of up to 12,000 an hour.

In-mould labelling of plastics could be applied to any shape of pack and any of the commonly-used blow-moulding plastics, manufacturers were saying in June '69. Erimex and Battenfeld of Germany had jointly developed the Formprint system, shown at Interpack the month before.

Among packs highlighted in an October '68 profile of cartoning equipment specialist Jacob, White & Co were cartons for Mr Kipling cakes.



GLASS MANUFACTURERS WERE ENCOURAGING RE-USE OF THEIR CONTAINERS RATHER THAN DISPOSAL

Some of these included a carry handle for these very weighty goods! But like so many of the innovations of the '60s, this one did not last.

PACKAGING PICTURES KINDLY LOANED FROM THE ROBERT OPIE COLLECTION AT THE MUSEUM OF ADVERTISING AND PACKAGING, GLOUCESTER - TEL: 0452 302309

IF YOU CAN STACK IT

WRAP IT

If you're not fully aware about the benefits of Borden's Resinex Cast Co-extruded Pallet Stretchwrap, here's something to chew over. You needed speed and performance to match machinery capabilities wrapping up to 120 pallets per hr. Not only has Borden developed power pre-stretch film for that purpose, we have also developed and manufactured the machinery to match under the prestigious 'Matco' brand name.

You demanded quality and service from your palletwrap supplier. In achieving ISO/9001 status, Borden has invested in some of the most advanced equipment in Europe to bring you a complete range of fast, precise, high clarity Resinex films, including true one-sided cling films.

You insisted on flexibility from your palletwrap. Extra light loads such as breakfast cereal, extra heavy loads and extra difficult loads. Borden's Resinex range wraps them all - extra quick, extra strong and with extra yield.

Perhaps we should have told you about the Resinex range sooner. Perhaps you already know. But if palletwrapping problems are spoiling your breakfast, call us on 0703 732131 or complete and return the coupon below for further details.

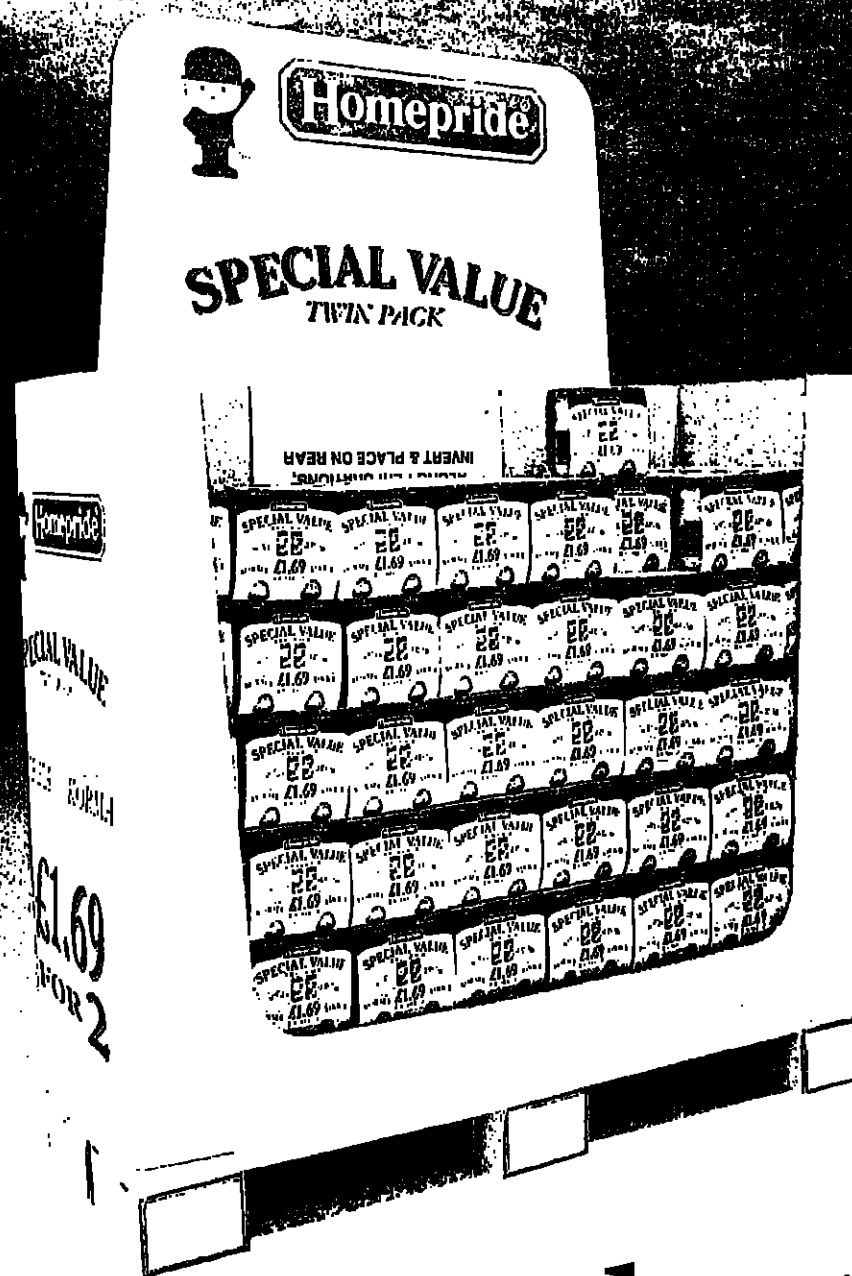
Please send me details of the Borden Resinex range of films.

Name _____
Position _____
Address _____
Telephone _____



Borden UK Limited
Rownham Road
North Baddeley
Southampton
SO5 9ZB

Code: PN994



Stuff your product in the bin and forget it!

Pal-Box lets you do precisely that.

Pack your products into this unique transit, ready-to-merchandise, free-standing, pallet display bin, and they sell themselves. They get a big welcome from supermarkets and cash & carries, and they're self-promoting. Pal-Boxes look after themselves.

Another innovative example of David S Smith's on-going development programme. But that's what people have come to expect from one of Europe's major players.

DAVID
S
SMITH
PACKAGING

David S Smith Corrugated
Scotred Lane Burwell
Cambridgeshire CB5 0AJ
Telephone: 0638 741441
Fax: 0638 741755

David S Smith Corrugated
'Queen Adelaide'
Ely Cambridgeshire CB7 4TZ
Telephone: 0353 665500
Fax: 0353 666900

David S Smith Corrugated
Hurdon Road Launceston
Cornwall PL15 9HN
Telephone: 0566 772303
Fax: 0566 776643

David S Smith Corrugated
Houstoun Industrial Estate
Livingston West Lothian EH54 5DP
Telephone: 0506 32841
Fax: 0506 38347

A company within David S Smith Packaging which operates from 29 locations in the UK and Europe.

Call on 0838 772268 or enquiry number K10 575

Pack Expo 94 is set to boom

Pack Expo 94, sponsored by the Packaging Machinery Manufacturers Institute (PMMI), takes place November 13-17 at McCormick Place, Chicago, USA and is set to be the largest ever.

"The extensive interest for our show will continue Pack Expo's unchallenged record as this hemisphere's leading and largest showcase of packaging and packaging related converting machinery, materials and technology," says show committee chairman, Wilbert Brander III of Scandia Packaging Machinery Co.

In 1992, more than 65,000 visitors attended the show and the organisers expect well over 70,000 international and domestic attendees for this year's 900,000-sq ft event.

The International Business Center has been expanded for the show, as PMMI expects a 35 per cent increase in overseas visitors. Located in the Mezzanine Level of the North Building at McCormick Place, it will include a market development office, full interpreter facilities and currency exchange desks.

"The packaging machinery manufacturing industry is an international business," says PMMI global marketing committee chairman, Jeff Ake of Electronic Liquid Filers Inc. "At Pack Expo 94,

every effort is being made to provide international visitors with information about US manufacturers and assist them in purchasing and importing US equipment."

Information on the show is available from PMMI (4350 North Fairfax Drive, Suite 600, Arlington, Virginia 22203, USA - tel: +703 243 8555, fax: +703 243 8556).

• The Institute of Packaging Professionals (IoPP) have arranged several conferences and seminars to run immediately prior to Pack Expo on the Friday and Saturday (11-12

November). These will cover introductory level courses on packaging machinery, flexible packaging and pack testing, up to a training seminar for packaging sales professionals. Telephone: +800-432 4085 for further details.

• The Council on Packaging in the Environment (Cope) will host a one-day conference - Saturday 12 - on global environmental packaging issues. It will include presentations on current and developing regulatory issues in Europe and North America. Contact: Holly Essler at Cope - tel: +202 331 0099, fax: +202 466 5447.

Here, we preview just some of the new products on show during the event.

For further information K10 103 Call for details 0839 772288

PACK EXPO

GLOBAL PRODUCTS, LTD.

178 St. James Street, London W2 3BN, Tel: (071) 234 5872 Fax: (071) 234 7818

Mr. John Smith
Managing Director
Packaging Printers
55 Hagley Rd.
London E1 2BL

Dear Mr. Smith:

In order to present our company logo in a consistent manner, we are implementing a new colour quality control program. We shall expect our packaging printers to be able to verify accurate colour reproduction and provide us with written reports.

The specifications for our standard colours are as follows:

Red:	L* = 50.18	a* = +11.11	b* = +33.73
Green:	L* = 47.02	a* = -55.46	b* = +11.06
Blue:	L* = 55.83	a* = -38.71	b* = -47.16

The tolerance specification for all colours is by CMC, L*a*b* of 2:1 and of = 1.2. Colour specifications and tolerances were established using the X-Rite 938 Spectrodensitometer and QA-Master software.

The report format we prefer is the format generated by X-Rite's QA-Master software. We have enclosed a sample report for your information.

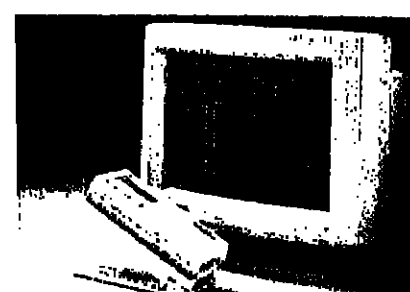
We anticipate having our new colour control system in place by the end of the month, and request your full cooperation at that time.

GET YOUR COLOUR RIGHT ON TARGET.

Are you tired of packaging that gets rejected because of colour?

In today's competitive marketplace, incorrect colour is a chance neither printers nor specifiers can afford to take. Yet getting colour right on target is difficult if no one has a clear definition of what that target is. That's precisely why X-Rite's 938 model spectrodensitometer was created. With the 938, it's easy to specify and control package colour — faster and more accurately than ever before. That means printers and buyers can agree on colour specifications in advance — before any costly mistakes are made.

A completely portable and hand-held instrument, the 938 can store up to 500 colour measurements taken from a wide variety of packaging and labeling materials. When these measurements are downloaded into X-Rite's exclusive QA-Master™ software for Windows™



or SpectroStart™ software, they graphically show which samples are within acceptable tolerances. QA-Master and SpectroStart even generate SPC reports to prove colour consistency over time. All of which saves time, saves money, and minimizes errors — while maintaining good working relationships between printers and print buyers.

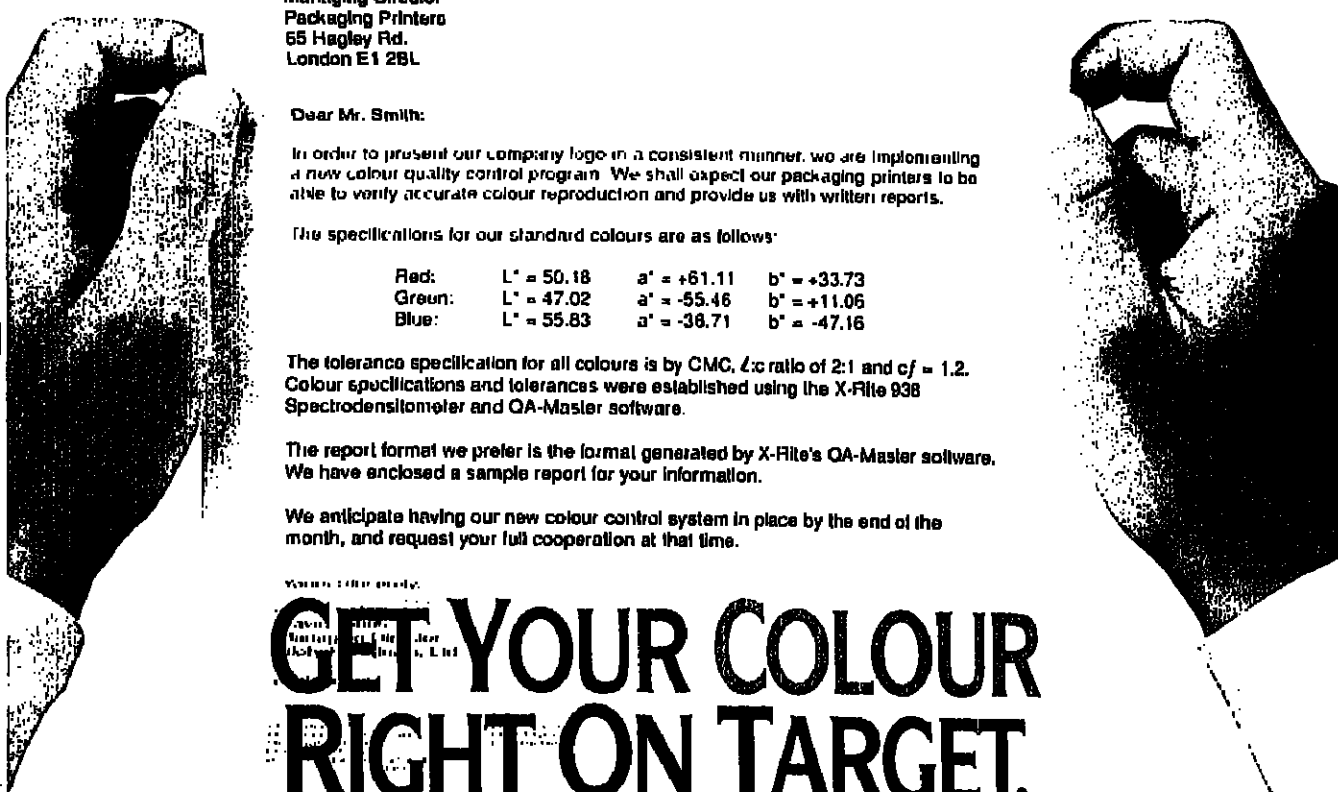
If you want colour that's consistently on target, inquire about X-Rite's 938 spectrodensitometer and accompanying

QA-Master or SpectroStart software by contacting X-Rite's authorized dealer. Also inquire about X-Rite's valuable Guide To Understanding Colour Communication and Guide To Understanding Colour Tolerancing, yours free of charge. Once you do, you may never miss the colour target again.

X-Rite Ltd.
Dept. PN, Lower Washford Mill
Mill Street, Buglawton
Congleton, Cheshire CW12 2AD
England
Tel: 44 (0) 260279988
Fax: 44 (0) 260270696

X-Rite

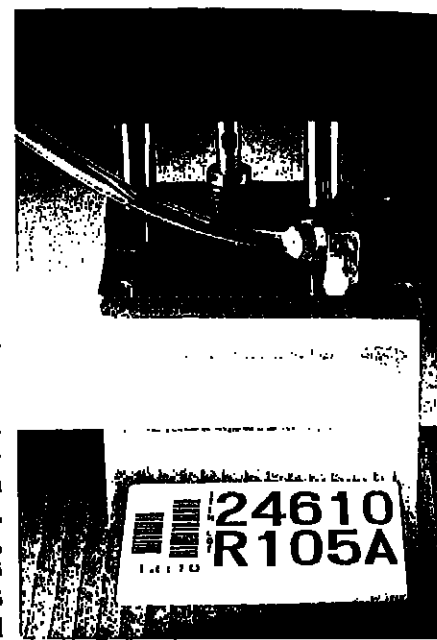
3100 44th Street, S.W., Grandville, Michigan 49418 • U.S.A.
Tel: (616) 534-7663 • Fax: (616) 534-0723



Label printer suits moderate production

Said to offer the latest in print and apply technology, Matthews International Corporation will launch its Model 8221 label printer/applier.

Depending on label size, up to 65 labels a minute can be applied, which makes the equipment ideal for moderate production rates, says the company (6515 Penn Ave, Pittsburgh, Pennsylvania 15206, USA - tel: +412 665 2500, fax: +412 665 2550). A special



The Model 8221 label printer/applier

tamp arrangement is said to ensure precise label placement to an accuracy of $\pm 1/16$ in.

For reliable operation, the 8221 Mini continuously monitors the printing process and label supply status. Led indicators show the operator error and fault messages, helping in the set up and operational trouble shooting. A host of

diagnostic tests assures virtually error-free labelling, says the company. It handles many barcode symbologies and, due to the small footprint, the 8221 Mini can fit into the most compact of manufacturing spaces. Booth: 2480

For further information K10 104 Call for details 0839 772288

Versatile induction capsealer

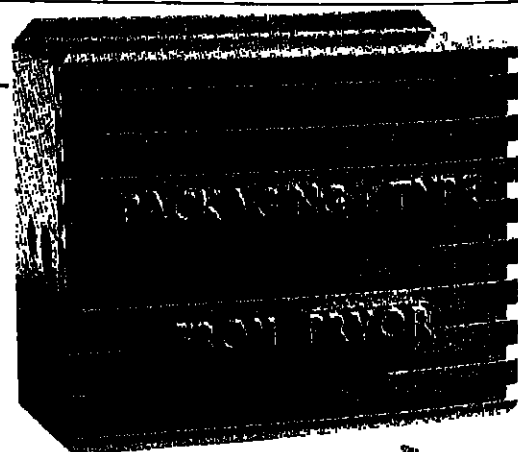
The versatility of the TR-Series induction capsealers will be demonstrated by Lepel Corporation, including the latest portable version - Lepak Jr - as well as the conveyor-mounted Uniseal model.

Shown in full operation for both product and system analysis, the TR-Series consists of high (300ft a minute) and

lower volume units, at 60ft a minute. Accommodating seal sizes from 5-160mm, the equipment delivers high efficiency performance for a variety of product markets, says the company (50 Heartland Boulevard, Edgewood, NY 11717, USA - tel: +800 321 6008, fax: +516 586 3232).

The Lepak Jr is designed for laboratory and low volume sealing applications and will seal closures from 5-70mm. The Uniseal requires no floor space and can also be moved between packaging lines. Booth: 3215

For further information K10 105 Call for details 0839 772288



The Pryor offer is simple — tell us which machine you have and we'll supply the coding type. For the most popular makes of marking equipment we can supply the type usually from stock.

All type is precision engineered to tight tolerances in materials which include tool steel, brass and stainless steel. Pryor can supply special logo's and holders too.

For further information contact:
EDWARD PRYOR & SON LTD.
Egerton Street, Sheffield S1 4JX.
Tel: (0742) 768044 Fax: (0742) 768890

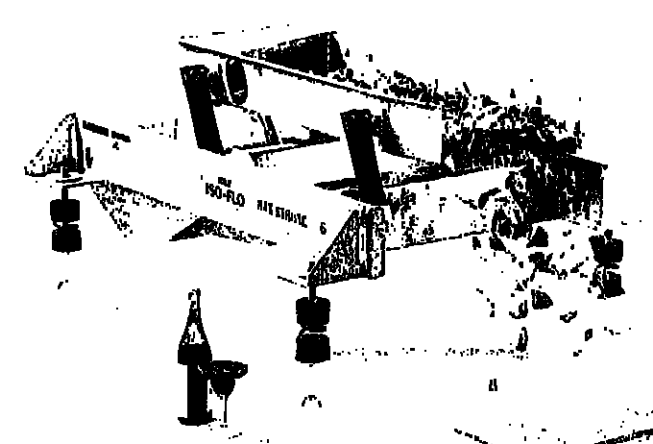
Call on 0839 772288 or enquiry number K10-408

Conveyor cuts damage

Designed to reduce product damage during conveying by eliminating the mechanical start/stop transients common in scale feed applications, the Iso-Flo smooth-cycle vibratory scale feed conveyor will be shown by Key Technology Inc.

Also on show will be an on-line scanner which provides real time quality analysis for mass flow-fed food and non food products and a new Iso-Flo conveyor, which is designed to reduce breakage of delicate products in conveying, by sliding product forward on the conveyor bed using reverse displacement.

A wide range of vibratory conveyors, all designed for reduced energy and quiet operation, are offered in the Iso-Flo range from the company (150 Avery, Walla Walla, WA 99362, USA - tel: +509 522 3361).



The Iso-Flo smooth-cycle vibratory scale feed conveyor from Key

Booth: 3027
For further information K10 106 Call for details 0839 772288

3364, fax: +509 522 3361.
Booth: 3027
For further information K10 106 Call for details 0839 772288

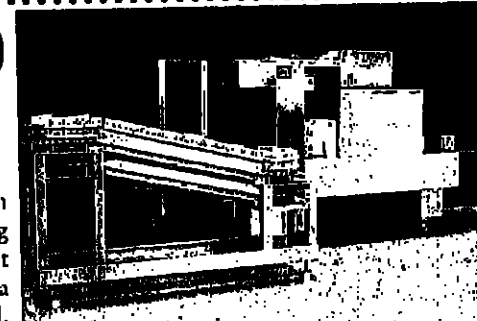
Shrinkwrappers to be demonstrated

Three shrinkwrapping systems will be demonstrated by Polypack Inc at the show.

The company supplies a range of shrinkwrappers that offer the capability of both sleeve wrapping and total enclosure of products. At the show, a semi automatic, manually operated machine will be one of the lines to be exhibited.

Also, an auto-collating intermittent model and a high speed, automatic, continuous motion sealer will be shown by Polypack (10650 72nd Street North, Building 402 - Largo, Florida 34647, USA - tel: +813 546 5761, fax: +813 544 4165). Booths: 417 and 2619

For further information K10 107 Call for details 0839 772288



Polypack Inc supplies a range of shrinkwrappers



Working to fill & 'L' seal AUTOMATICALLY

Rapid start-up

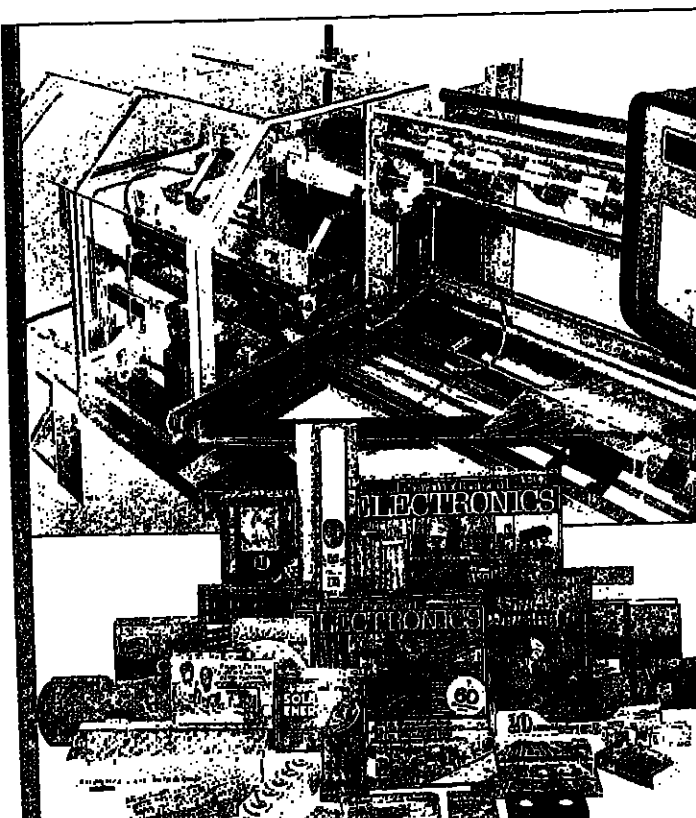
Low energy consumption

Continuous heated sealing bar

Up to 30 packs/min

Rapid format changeover

Motor driven film unwind



Short and long runs wrapped profitably.... using only one film reel, these machines can completely overwrap records, magazines, books, cartons, tapes or any other products up to 150mm high with infed being either in-line or crossfeed.

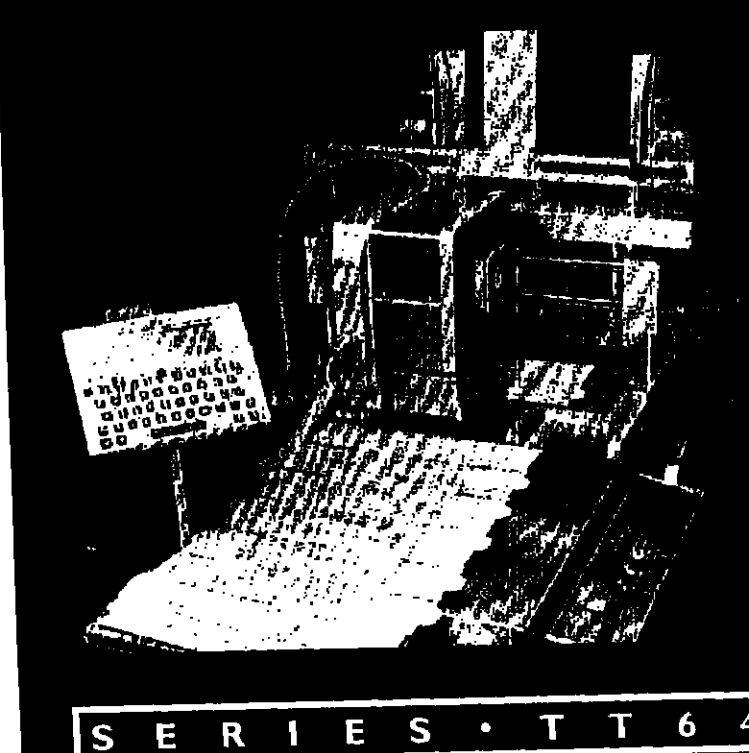
BWI Fords
Packaging Systems

BWI Fords
Ronald Close
Woburn Road Ind. Estate
Kempston
Bedford, England
MK42 7SH
Telephone: 0234 852385
Fax: 0234 853040
Telex: 82102 Fords G

Call on 0839 772288 or enquiry number K10-424

THE ULTIMATE CODERS BAR NONE

At Graseby Allen we have always believed that modesty is the best policy. But when it comes to coding and marking technology, we have to admit to knowing more than most.



SERIES TT 64



From high speed production environments to single-line applications, we can supply just the right combination of speed, print quality and accuracy to suit your individual needs. Our comprehensive product range includes everything from Thermal Coders with rapid change print formats, to compact, reliable and robust Hot Foil Coders with easy change type systems.

Whether your ambitions are modest or grand, you can rely on us to help you achieve the ultimate in print quality every time. Because when it comes to coding and marking technology, Graseby Allen expertise is second to none.



PRODUCT MONITORING

GRASEBY ALLEN

6 Little Mundells Welwyn Garden City Herts UK AL7 1LD
Tel: 0707 371117 Fax: 0707 320225

Call on 0839 772288 or enquiry number K10-443

X-Rite®, QA-Master™, and SpectroStart™ are trademarks of X-Rite, Incorporated. Windows™ is a trademark of the Microsoft Corporation.

Call on 0839 772288 or enquiry number K10-421

BRIEFS

AS WELL AS SHOWING its Pictor, Sirlus and Comet IP85 rated label applicator system for the first time in the USA, a range of high quality labels will be displayed by Harland Machine Systems Ltd (061-848 0622). Harlands will be on its new owner, Engraph's, stand. Booth: 1019

AUTOPROD INC is introducing an in-line cup fill/rollstock seal/cap system employing Benhit clean in place butter filling units. The PP 1 x 4 TE combi-system fills 126-1200cc pots at speeds up to 14,400 containers an hour. It is ideal for food products, says the company (+813 672 7753). Booth: 2171

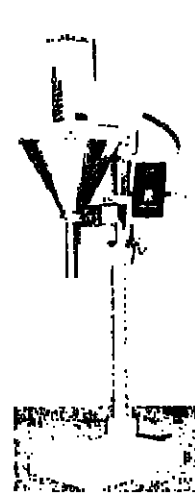
TETRA LAVAL Food Hoyer will launch the Hoyer HP cartoner as well as demonstrating a Tlomat 4000 stainless steel fill machine from Tetra Laval Convenience Food Inc. Operating speeds of up to 3000 cartons a minute can be achieved. Booth: 2882

SPONSOR OF PACK EXPO, PMMI has formed a working alliance with the Grocery Manufacturers of America (GMA) with the first results being the co-sponsorship of PMMI's new packaging technology trade show by the GMA. The show - Pack Expo West - will be held 8-12 October, 1995 in Las Vegas.

Augur fill control simplicity

A stepper motor controlled auger filler - the Model 1800 - will be introduced by Mateer Burt, as well as an outsert applicator for use in labelling applications and a Neutron filler for companies requiring metric standards.

The auger filler is described as reasonably priced and offers functional simplicity to meet



The Model 1800 filler

just-in-time filling capabilities. The model 1800 fills powders, liquids, creams and pastes at up to 150 fills a minute.

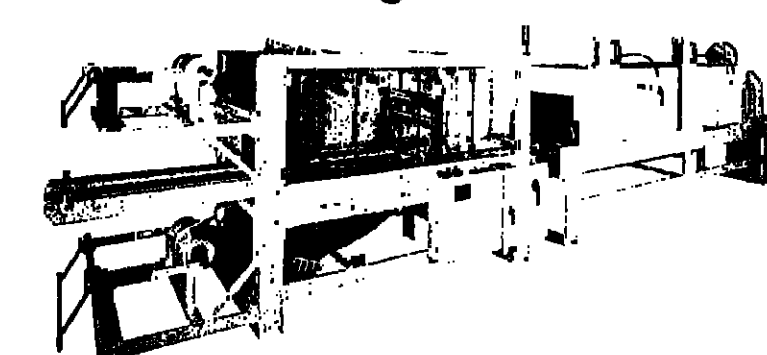
The outsert applicator is for customers that require a folded leaflet to be attached to a pack or container, such as pharmaceutical information, coupons or recipe booklets. Available as a free

standing unit, the heart of the system is the ILU labelling unit from the company (434 Devon Park Drive, Wayne, PA 19087, USA - tel: +610 293 0100, fax: +610 341 9345).

The model 1000M metric auger filler - the latest in the Neutron range - will fill at speeds up to 120 containers a minute. The same filler can also be changed over from liquid to powder filling in less than 15 minutes, says the company. Booth: 409

For further information K10 109 Call for details 0839 772288

Smooth integrated transfer



The Model 60 from Arpac: high speed wrapper and tunnel combination

An integrated line comprising a tray erector, tray loader, case turner and shrinkwrapper will be shown by Arpac.

This integrated system will

pack bottles, cans or cartons at speeds of up to 60 trays a minute and, because of the smooth transfer incorporated, metals, glass and plastics can be

handled. Key to the system is the simple and fast size changeover, says the company (9511 West River Street, Schiller Park, IL 60176, USA - tel: +708 678 9034, fax: +708 671 7006).

The integrated line comprises the model CMTL-60 high speed, continuous motion tray erector/loader. All three components in the system operate from a single plc with graphics display

screens and local controls at key locations throughout. Booth: 2676

For further information K10 109 Call for details 0839 772288



The Beltway PadPak system from the Ranpak Corporation

Photoelectric cell aids dispensing

Designed to make the dispensing of packaging materials easier on an assembly line, the Beltway PadPak system will be among products shown by Ranpak Corporation.

Also on show will be the EcoPak system, which is used to store and dispense loose fill packaging materials, and the Pad-N-Pak workstation.

The Beltway converter uses a photoelectric cell to activate the cutting mechanism each time material is taken from the conveyor. Preselected size pads range from 10 to 66in.

Three new dispensers in the EcoPak range will be

shown, including a wall-mounted version, the roller caster mobile dispenser and the dual position bench-type dispenser. All three accept 10, 25, or 40lb boxes of EcoPak loose fill material which is made from kraft paper.

On the Pad-N-Pak workstation, all the operator needs to do is press the pedal or set the automatic controls to gain cut-to-order packaging material, says the company (8023 Grille Road, Concord Township, OH 44077-9702, USA - tel: +216 354 4445).

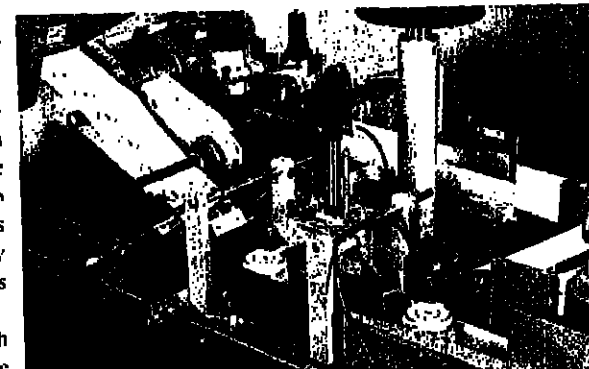
For further information K10 110 Call for details 0839 772288

Two-winged security

A two-stage application process for self adhesive two-winged tamper evident labels, which can otherwise be problematic to apply securely, has been developed by William Sessions Ltd of York.

Keeping up with fast line speeds, the modified Collamat 6000 head has had a mechanical gate and wipe-down station added to ensure that full benefit is gained from the labels.

Labels are applied to the top of container closures in the



The specially adapted self adhesive labelling system

usual way, before product is indexed into a separate position where one or two wings of the label are wiped down.

The use of this separate stage, momentarily immobilis-

ing the container, means that a fold down can be achieved which hugs the contours of the pack, forming a more secure seal.

This version of the Collamat 6000 can handle a range of label materials, says Sessions (The Ebor Press, York YO3 9HS - tel: 0904 659224, fax: 644888).

Among the self adhesive materials available from the company's roll label division are papers with a variety of finishes, acetate or ps films with different finishes and destructive substrates designed more specifically for tamper evidence.

For further information K10 159 Call for details 0839 772288

Smooth paper for premium bags

A double-sided high-gloss paper has been developed by Sappi Europe with the carrier bag market for fashion and other premium goods in mind.

Strength and good crack resistance are other characteristics of the paper, Algro Primess, which uses a high proportion of longer fibres in the furnish. Normally there is particular danger of cracking at

the corners and gussets.

A smooth surface for printing in either flexo or gravure is achieved with a double blade coating, says sales and marketing director Richard Moyle.

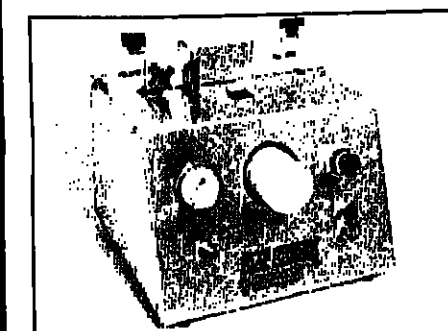
"The high surface smoothness is really the critical factor in achieving the ultimate brightness from the gravure print," Mr Moyle explains.

High whiteness is obtained without the use of added optical whitening agents, says Sappi (Wolvercote Mill, Wolvercote, Oxon OX2 8PZ - tel: 01865 516011, fax: 516520).

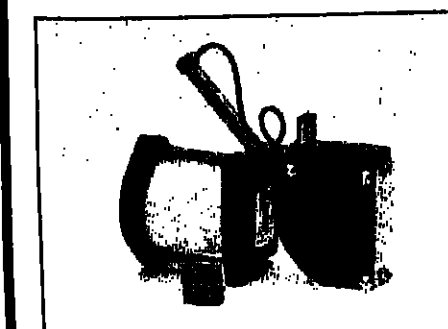
The paper is only available in reels, between 50 and 135gsm. It can be metallised, pe coated or laminated.

For further information K10 155 Call for details 0839 772288

CAP CODER SIMPLE EFFECTIVE CODING



C.C. 100 CODER



BENCH TOP CODER

- ALL PNEUMATICS, NO ELECTRICS
- CODES PRACTICALLY EVERYTHING
- RANGE OF QUICK DRYING INKS IN A CLEAN QUICK - CHANGE CARTRIDGE
- CODES UP TO 150 PER MINUTE
- ON - LINE OR BENCH TOP APPLICATION
- SURPRISINGLY AFFORDABLE!

FAX OR TELEPHONE
FOR A DEMONSTRATION

CAP CODER LTD.

UNIT 42, MONUMENT INDUSTRIAL PARK,
CHALGROVE, OXFORDSHIRE. OX44. 7RW.

TEL: (0865) 891466 FAX: (0865) 891292

Call on 0839 772288 or enquiry number K10-427

DOES YOUR BUSINESS NEED A NEW BUILDING? THEN BUTLER CAN GIVE YOU WHAT YOU WANT.



Butler produce buildings in a vast range of styles and designs and for all kinds of business requirements. From planning to completion, Butler can organise the whole project so that you can get on with running your business.

Contact Gordon Murray now on - (0592) 652300

to find out the difference Butler can make to your business. BUILDING WITH A DIFFERENCE

Butler Building Systems Ltd, Michelston Industrial Estate, Kirkcaldy KY1 3LZ.

Call on 0839 772288 or enquiry number K10-553

WORDSWORTH CASH

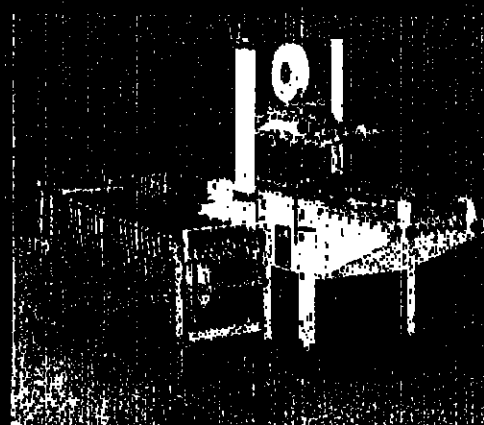
WILL CONVERT YOUR WORDS INTO CASH

Phone Jackie Skeel

081 242 3156

ENDOLINE is a world class British manufacturer offering a wide range of end-of-line packaging machinery from a semi-automatic case sealer to a fully automated packaging line.

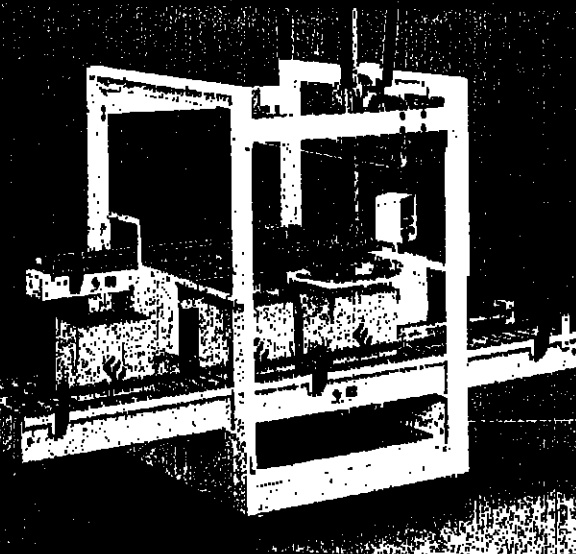
"We pride ourselves on our engineering expertise, product quality, after sales service and pursuit of the corporate objective TOTAL DEDICATION TO CUSTOMER NEEDS"



CASE SEALERS AND CONVEYORS



RON YATES
Chairman



CASE ERECTORS AND PACKERS

ENDOLINE MACHINERY LTD,
STRATTON BUSINESS PARK,
LONDON ROAD, BIGGLESWADE,
BEDS, SG18 8QB. TEL: 0767 316422.

ENDOLINE World Class...

Call on 0839 772288 or enquiry number K10-572

Is imitation the finest form of flattery?

Large players in the metals packaging market should encourage the creative spirit of smaller companies, even if it means spending time in negotiating licence agreements because, argues Jim Leftwich*, it is this innovation that will benefit the metals industry as a whole.

The carousel biscuit tin which Lincac Metal Packaging recently produced for US company Sunshine Biscuits Inc has been widely acclaimed and has generated many enquiries.

However, the tin, which has been inspired by the universal theme of a fairground carousel, was only produced after lengthy discussions culminated in a licence agreement with the company which holds the registered design rights in the design of the tin.

In 1992, Bodnitz Allan (Churchills Confectionery) had designed a carousel shaped confectionery tin, which it subsequently commissioned Lincac to produce. The design was reg-

istered by the company under the Registered Designs Act 1949, with special reference being made to the fluted canopy lid, the ingenious window effect and the embossed prancing horses.

"A general desire for originality"

Registration of industrially applied designs remains a relatively rare phenomenon in the metal packaging industry. Despite a general desire for originality, shapes and designs are frequently borrowed and

reinvented with little regard for whose designs they were in the first place, and whether the original designer has any registered or unregistered rights in those shapes and designs.

This situation benefits the larger players in the market who have the resources and expertise to manufacture and market the designs, but it does little to encourage the creativity of small design houses.

I would not question therefore the shrewdness of Bodnitz Allan in securing the rights of its design by registration, even though some might argue that the idea of making a tin in a carousel shape is a universal design and should not be capa-

ble of registration anyway. Legally, the registration process is quite straightforward.

"The legal process of registration"

A designer simply has to register the special features of their design with the registered design section of the patents office and pay the appropriate fee. However, they must be able to show that the design is new, that it has eye appeal (ie: that the design is not purely functional), and that the appearance of the article in respect of which

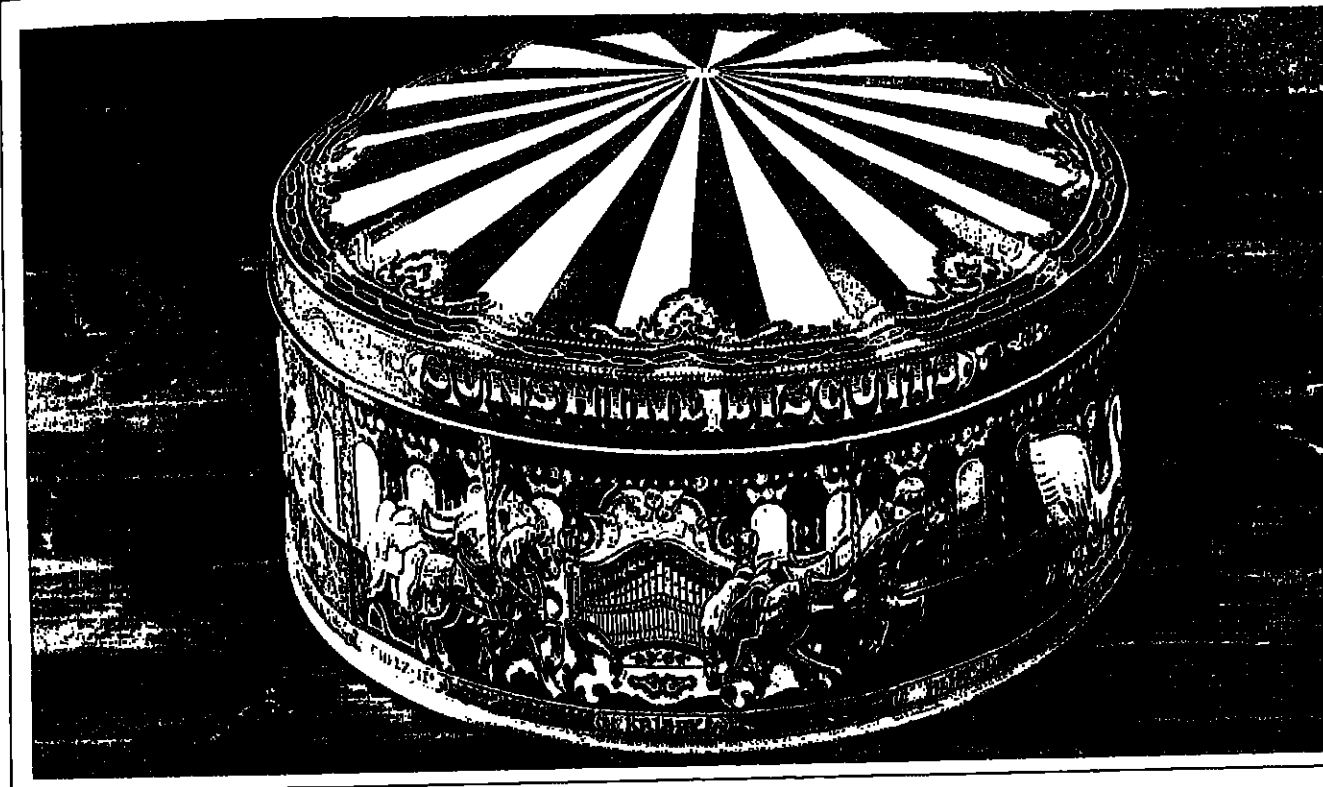
the design is registered is an important factor.

The Bodnitz Allan registered design affected Lincac when approached by Sunshine Biscuits to produce a similar tin for them. We were therefore faced with three choices:

○ The first was to railroad the smaller company and produce the tin anyway - challenging them to a potentially costly and long-running legal battle

○ The second, and the one probably favoured by many fellow manufacturers, was to alter the design just enough to avoid infringing the registered design, while at the same time satisfying the new customer

○ The third option was to



The design of the carousel shaped tin includes a fluted canopy lid, an ingenious window effect and embossed prancing horses

work with Bodnitz Allan in order to satisfy the interests of both companies.

Lincac chose the third option which meant the tin could be produced for Sunshine Biscuits and, in accordance with the licence granted by Bodnitz Allan, we have credited the company with the design on the base of the tin, as well as paying a small royalty for each one produced.

"May seem unnecessarily altruistic"

This may seem unconventional and unnecessarily altruistic, but we took the decision for genuinely commercial reasons.

Creative design is at the heart of the metal packaging industry, and if we crush that, then we are in danger of

destroying ourselves.

I believe that real creativity can come more freely from small design companies than from large manufacturers where individuality can be subjugated in favour of 'corporate conformity' and imposed budgetary limits.

The large players in the market should, where possible, encourage the creative spirit of smaller companies, like Bodnitz Allan, even if it means spending time in negotiating licence agreements because, in the long term, it is all of us who will benefit by the resulting growth of the metals industry.

* Jim Leftwich is managing director of Lincac Metal Packaging Ltd (Headley Road East, Woodley, Reading, Berks RG5 4SL - tel: 0734 441144, fax: 441456).

For further information K10 116 Call for details 0839 772268

People who read this magazine TODAY could be your hottest prospects TOMORROW

Now your sales message can reach the readers of this magazine - and many other business publications - by mailing the Maclean Hunter database as part of your marketing communications programme.

This respected business-to-business database, exclusively managed by Mardev, offers exceptional selectability. You can target specific buying influences by company size, geographical location, job title and industrial classification. And that's both across the pre-merged and deduplicated database and within the individual magazine titles listed below.

INTERNATIONAL CONSTRUCTION
BRITISH PRINTER
HEATING AND AIR CONDITIONING JOURNAL
LIGHTING EQUIPMENT NEWS
OFFSET PRINTING AND REPRODUCTION
TRAVEL AGENCY
PACKAGING NEWS
HEREFORD'S AIR CARGO
INTERNATIONAL FREIGHTING WEEKLY
AIR TRADE

Maclean Hunter publications cover a wide range of markets. Potentially lucrative prospects now reading these important business titles could also be reading your mailings.

To take advantage of this valuable marketing opportunity, call Maria Kuehn on 071 411 2694 - or fax on 071 287 1098. Alternatively, just post the coupon below. We'll send you details by return.

Fax, Phone or Return the Coupon Below!

MARDEV

Maria Kuehn, Mardev UK, 151-153 Wandour Street, London W1V 3TB
Tel: 071 411 2666 Fax: 071 287 1098

☐ Please send me further details on the Maclean Hunter database. ☐ Please send me a free copy of your Managed List Digest.

Name _____
Position _____
Company _____
Address _____

Postcode _____
Phone _____ Fax _____
SEND TO: MARDEV UK, 151-153 WANDOUR STREET, LONDON, W1V 3TB



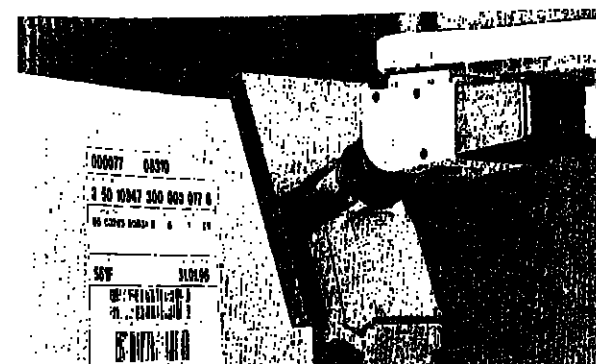
TOTAL
application

Stanley Matthews taught us a great deal about the bar-coding business.

He set out to be a great footballer.

He achieved it. By concentrating totally on his discipline and by practising long and hard, he reached the pinnacle of his career.

That's the Labfax attitude to coding and



From stand alone units...

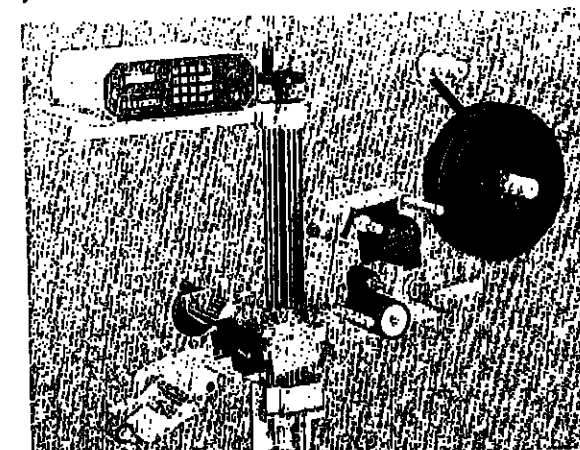
automatic identification. We don't do anything else. We hire only highly-experienced specialists. As a result, we have developed what we believe to be a unique ability to bridge the gaps between computing and production, between management effectiveness and management efficiency.

We work with your own team to identify your specific needs, then we bring years of experience to bear to identify which hardware will produce the coding and identification to meet those

needs, now and in the future.

We develop the software which lets the labelling system speak meaningfully to your M.I.S. system - to let you maximise the benefits from your investment. And we'll be right alongside you during installation, test and full operation.

Labfax systems are in operation with some of Europe's biggest - and smallest - businesses. If you'd like to know how we could help



To full systems including software.

you, call Colin Onions on 0952 670380 or fax 0952 677103, today.

You'll find we're right on the ball.

Labfax Systems Limited,

Label House, Hortonwood

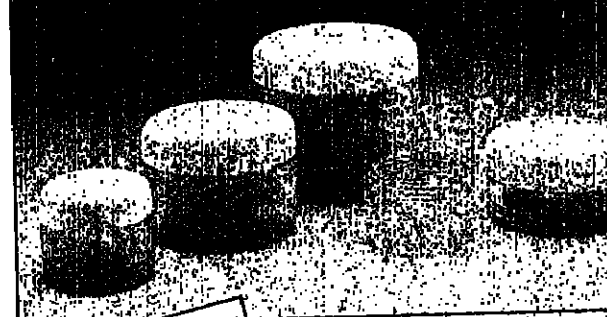
7, Telford TF1 4GP.

LABFAX

Labfax Systems Limited, Label House, Hortonwood 7, Telford TF1 4GP.

TURN TO THE BACK
PAGES
WITH WORDSWORTH CASH

Jars with Class



There's a big range of standard sizes available in coloured or clear materials, and a variety of lids too—so you can mix and match to produce an individual jar at an off the shelf price.

HPL
HPL CONTAINERS LIMITED
Holt Lane Factory, Netherley, Liverpool L27 2YB.
Telephone: 051-487 3353 Fax: 051-487 3123.

How do you make packaging that is really strong?

Countless examples of strength combined with beauty are to be found in Nature. But sometimes uncompromised strength alone is the vital packaging requirement.

The optimum way to produce strong packaging board is to start with unbleached coniferous fibre from Scandinavian forests. The next step is to pulp the fibre by cooking it in a digester and, finally, to mould it into multiple-layered board.

This is the FRÖVI way of ensuring that the packaging material has inherent strength.

FRÖVI alone

FRÖVI is the only manufacturer of unbleached, coated board in Europe.

Unbleached to preserve the full strength of the natural fibre and, at the same time, saving costs, energy and the environment. Thoroughly washed to render it odourless and nontainting. Coated to give it a pure-white surface for perfect printing.

The board's combination of inherent properties – strength, purity and elegance – gives our customers the freedom to develop packaging that is ideal in every respect.

Member of the AssiDomän group

At the beginning of 1994, FRÖVI became a member of the AssiDomän group – one of Europe's leading concerns in the forest products industry and a major supplier of packaging and packaging raw materials.

FRÖVI is the central company in the AssiDomän Carton business area and, with the resources of a large group behind it, is now even better placed to help its customers create packaging solutions in line with the new simple-packaging policy widely adopted in Europe.

Our new company logo is symbolic of this.



AssiDomän Frövi Ltd.
– A member of the AssiDomän Carton business area.
Frövi House, 284 B Chase Road, Southgate,
London N14 6HF. Phone 081-682 83 73.

Call on 0839 772288 or enquiry number 410-423

Last month saw the machinery-only PPMA show move to the NEC, Birmingham, for the first time. A record number of new machines were on show and here we highlight just some of them.

Unloaders, laminators, applicators

Patented pull and drum unloaders, coating and laminating equipment and a range of hot-melt applicators were launched by System Devpak Ltd.

The unloading and laminating equipment is a result of a distributorship agreement with May Coating Technologies Inc. The hotmelt applicators will be marketed under the DEVmelt range of equipment, says the company (11 Grosvenor Grange, Warrington, Cheshire WA1 4SF - tel: 0925 815231, fax: 851162).

The LH2 coater/laminator is a pilot production web coater, designed for feasibility trials and preproduction runs.

For further information K10 Call for details 117 0839 772288

Legible inkjet in tiny sizes

What is claimed to be the world's fastest inkjet printing system for use in the brewing and distilling industries was launched by Domino UK Ltd.

The Domino Solo 6 Pinpoint and Codebox 3 Pinpoint systems are capable of printing as many as 2,400 characters a second, says the company (Bar Hill, Cambridge, CB3 8TU - tel: 0954 782551, fax: 782874).

Specifically designed to meet the growing requirement from brewers and distillers to mark containers discreetly, Pinpoint produces legible text at sizes down to 0.6mm high on almost any substrate. A choice of print fonts can be used, which allows print to be put into small spaces.

Pinpoint works on high speed production lines, coding containers at speeds of up to 360m a minute.

The patented design delivers ink to a tiny 40 micron nozzle - 20 per cent smaller than anything Domino has produced before - which produces a dot of between 160 and 250 micron diameter, depending upon the surface.

The printing head itself is heated to a temperature of more than 42deg C.

For further information K10 Call for details 117 0839 772288

The tiny 40 micron nozzle by Domino makes a dot of 160-250 micron diameter, depending upon the surface

Tray denesting and pick and place demonstrations

A range of tray denesting and pick and place equipment was demonstrated on the stand of FP Packaging Machinery Ltd.

Among machinery on show was the Pneufeed patented air jet denest system which is ideal for thin plastics trays used by the biscuit and bakery

industries. The single head version can run at up to 150 trays a minute, says the company (Walnut Tree Close, Guildford, Surrey GU1 4UB - tel: 0483 32811, fax: 300078).

The series 20 reciprocating pick and place machine can also be used for denest-



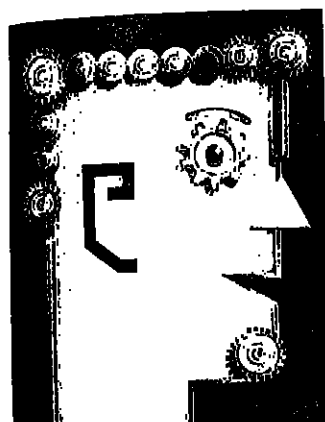
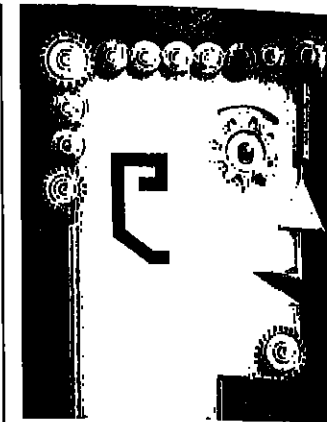
Handling a range of shapes

A nine head rotary packing machine that handles semi and rigid containers up to 250 x 350mm, in a wide range of geometric shapes and neck configurations was launched by G Webb Automation Ltd.

The Model RP250 was mounted over a Yamaha model ADW-508-MD multihead weigher at the show and was demonstrating weighing and filling product into plastics jars.

Also demonstrated by the company (Link Ind. Est., Howsell Road, Malvern Link, Worcs - tel: 0684 892929, fax: 576044) were other auger type volumetric and weight controlled filling machines.

For further information K10 Call for details 120 0839 772288



A labeller that applies self adhesive, tamper evident security labels onto erected, filled 'aeroplane' and 'reverse tuck' cartons was shown for the first time in the UK by Newman Labelling Machines Ltd.

Also demonstrated was the SFL/EXP general purpose pharmaceutical labeller in conjunction with a Laetus 4P barcode reader.

The CTE250 machine labels cartons in a size range of 12 x 20 x 70mm up to 120 x

A reliable range of applicators

A range of semi and fully automatic labelling systems was demonstrated by Avery Dennison UK Ltd.

Reliable, accurate and well engineered is how the company describes its range of applicators, from table top semi automatic systems through to standard automatic labellers and custom built main frame systems.

A recent example of a

Labelling aeroplane cartons

120 x 250mm at speeds of up to 250 labels a minute. The other, general purpose machine, can label round, square, rectangular and oval shaped containers at up to 275 labels a minute.

Both machines have been designed to make validation of security systems a simple process, says the company (Queens Road, Barnet, Herts EN4 4DL - tel: 081-440 0044, fax: 081-449 2890).

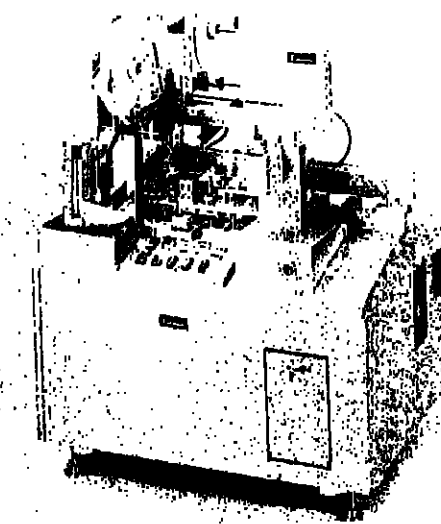
A key feature of equipment from the company is the recently launched Newman validation package which is a compilation of machine-specific documentation which accompanies each labeller. It is said to simplify a number of requirements, including installation qualification (iq) and operational qualification (oq).

For further information K10 Call for details 121 0839 772288

fully automatic unit is the Rotary 350, which applies labels at up to 400 a minute. Two, three or four labelling heads can be used at one time to allow label application on the front, back and top of products, says the company (Business Systems Division: Thomas Road, Wooburn Industrial Park, Wooburn Green, High Wycombe, Bucks HP10 0PE - tel: 0628 859500, fax: 859599).

The ALS 2000 mainline labelling system was also shown, and this unit can label up to 150 products a minute and is said to be an ideal choice for contract packers.

For further information K10 Call for details 122 0839 772288



Newman CTE250 carton tamper-evident labeller: first UK appearance

Coding, marking and weighing developments

Developments from Graseby Product Monitoring included coding and marking systems from Graseby Allen, metal detection units from Graseby Goring Kerr, x-ray inspection equipment from Graseby GK Interrest and checkweighing machinery from Graseby Best.

The D40 checkweigher, said to offer advantages of remote site controllability through greater system intelligence was launched. Also seen for the first time was Combicheck, a range of fully integrated checkweigher/metal detection systems.

Combicheck combines all

the features of the new D40 checkweigher with the sensitivity and accuracy of the DSP II metal detector, says Graseby Goring Kerr (Vale Road, Windsor, Berks SL4 5JN - tel: 0753 869351, fax: 840079).

Thermal moving Graseby Allen used the NEC-based event to launch its thermal moving head printer. The bi-directional printing action of the unit is said to save time while virtually doubling throughput on intermittent motion packaging machines.

For further information K10 Call for details 123 0839 772288

REDUCE YOUR CARTONING COSTS with BPM TECHNOLOGY

MEL CARTONERS HIGH VOLUME APPLICATIONS

BPM's latest high speed cartoner incorporates advanced technical features designed to reduce your costs. Operator friendly, the machine can be quickly adjusted for varying carton sizes. Extensive use of stainless steel, drive belts, self lubricating using unskilled labour. Extensive use of stainless steel, drive belts, self lubricating using unskilled labour. Extensive use of stainless steel, drive belts, self lubricating using unskilled labour. Extensive use of stainless steel, drive belts, self lubricating using unskilled labour.

COMPUTERISED MANAGEMENT SYSTEM

Options include a MIS-computerised management information system which collects inputs from the PLC control system and provides historical data of all stoppages over shift periods or longer, presented on a PC adjacent to or remote from the packing hall, enabling you to monitor line efficiency.

FREEMANTLE CARTONERS SMALL/MEDIUM VOLUME APPLICATIONS

Modern cost effective range of cartoners from hand loading Semi-Automatic, Intermittent to Fully Automatic. Stainless Steel, High Tech Designs for efficient long life.

WRAPPING MACHINES

Since 1973 BPM has manufactured and supplied several hundred wrapping machines to the margarine and edible fat sector. The recently upgraded Mark 4 with PLC control offers clients a very cost effective well proven high speed machine.

DESIGN SERVICE

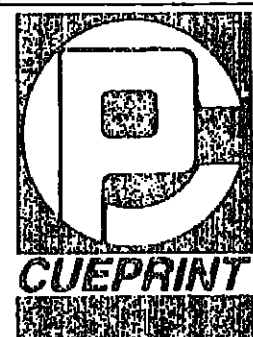
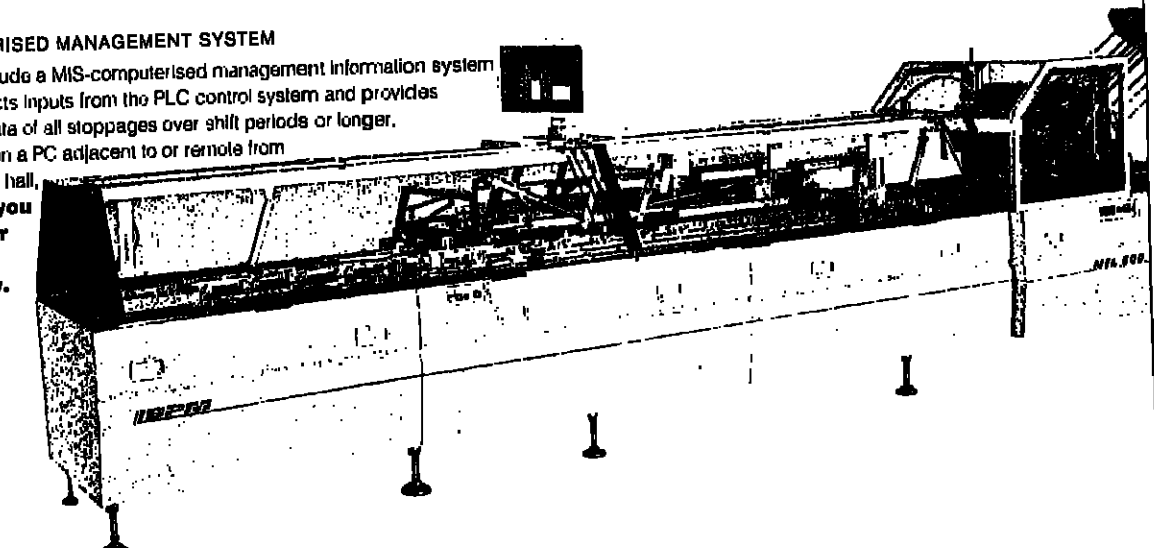
BPM's CAD design department can offer proven Auto Feed Systems and custom made solutions for feeding a wide range of food and non-food products

ENGINEERING SERVICE

BPM provides a full engineering back-up service including on-going maintenance contracts after the expiry of guarantee periods. We undertake extensive on-site modification work to adapt machines to meet new requirements, as well as renovation work at our Bristol factory.

BPM LTD
PACKAGING MACHINERY FOR INDUSTRY

78-86 PENNYWELL RD, BRISTOL, AVON, BS5 0TR, ENGLAND
TEL: +44 (0)272 558222 FAX: +44 (0)272 558007
A member of the J.V. Investments Group.

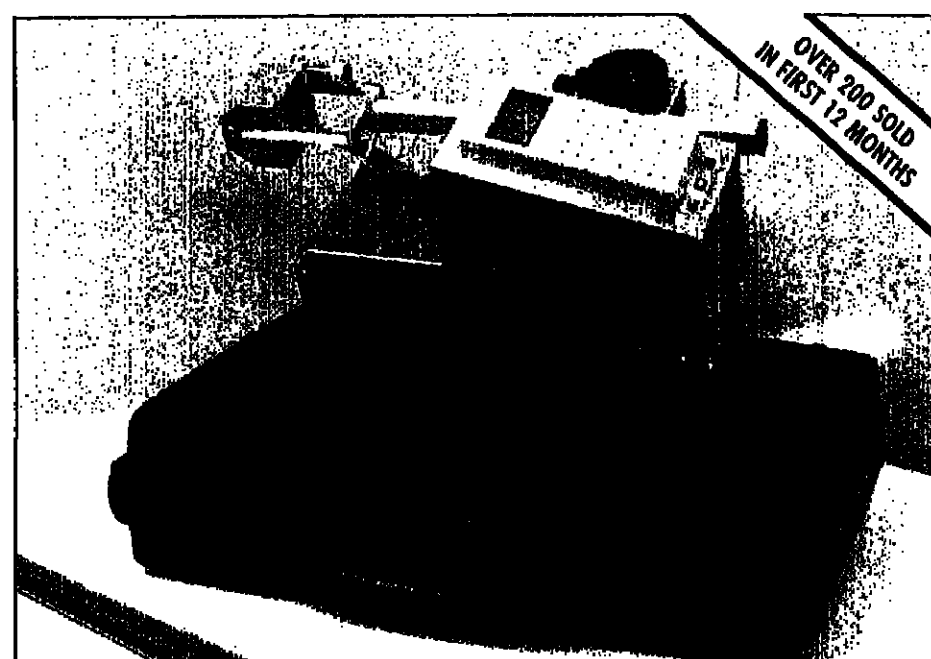


CUEPRINT LTD

CODING WITH THE BRAND LEADERS

•TATE & LYLE •BRITISH SUGAR •RENTOKIL •REMPLOY •DURAPIPE •LYONS TETLEY •LYONS SEAFOODS •DUNLOP •RANK HOVIS McDONALD
•MAX FACTOR •SWIZZLES •BODY CARE •WESTLERS •POLYPIPE •THORN EMI •HOLT LLOYD •AMBERSIL •IMPERIAL TOBACCO

IF YOU THOUGHT YOU COULD NOT AFFORD AN INKJET PRINTER READ ON:-



FROM THE CODING COMPANY THAT CARES
ABOUT THE ENVIRONMENT : NON MEK INK
ABOUT YOUR BUDGET : 3 EASY PAYMENTS

ALL YOU NEED IS A 13 AMP SOCKET • PLUG IT IN • AND START CODING ON LINE
Compton Place, Surrey Avenue, Camberley, Surrey GU15 3DX Tel: 0276 691730 Fax: 0276 686895

INK JET PRINTING SCIENCES

Call on 0839 772288 or enquiry number K10-409

Mark & Code



repeatedly ★ reliably

Preston hot-foil printers are tailored to suit your specific print and equipment needs. Sell by; date; batch coding and other essential information is printed on-line or off-line on an extensive range of packaging materials with utmost reliability.

MEMBER OF THE
PPMA
Processing and Packaging Machinery Association

Ask for detailed literature or 'phone to talk over your specific application needs

PLEASE CONTACT JOHN KIMBER

Preston Printers
14 Petworth Road, Haslemere GU27 2HR
Tel: (0428) 654941 Telex: 859636
Fax: (0428) 654769

Call on 0839 772288 or enquiry number K10-426

Call on 0839 772288 or enquiry number K10-437

NEWMAN LABELLING MACHINES LTD.

LARGE QUALITY ORIENTATED PLC. REQUIRES PACKING HOUSE WITHIN THE M25 RADIUS FOR QUICK TURN AROUND
PACKING FACILITIES MUST BE FULLY CONVERSANT WITH BS6001/BS5750

IMMEDIATE START

PLEASE WRITE CARE OF

PACKAGING NEWS
BOX No. 2235
MACLEAN HUNTER HOUSE
CHALK LANE
COCKFOSTERS ROAD
BARNET
HERTS. EN4 0BU

Call on 0839 772268 or enquiry number K10-439

VALIDATION...



IS
SOMETHING
MISSING?

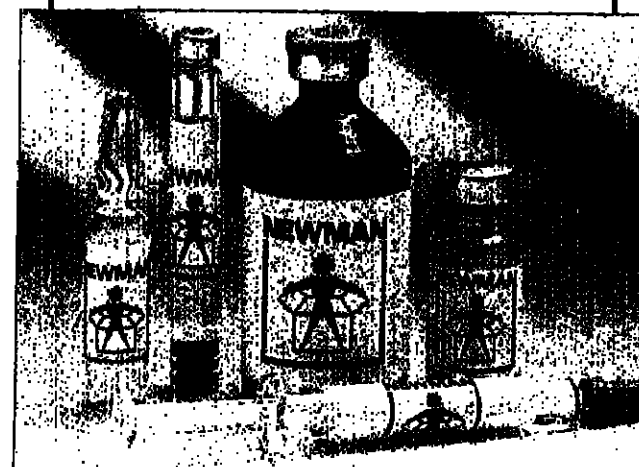
FIRST...

you need a pharmaceutical labelling machine that embodies GMP quality engineering; fast, accurate and flexible - with fully-integrated, microprocessor-controlled labelling and security control features.

THEN...

you can have no-hassle validation. The Newman Validation Package comprises detailed documentation - and even support personnel - to assist with the rigours of FDA, MCA and other requirements. We provide a proven partnership to put you into production.

GET THE PICTURE!



NEWMAN

NEWMAN LABELLING MACHINES LTD.
Queens Road, Barnet
Herts, EN5 4DL
England
Tel: (+44) 181-440 0044
Fax: (+44) 181-449 2890

DESIGNED FOR PRODUCTIVITY

Call on 0839 772268 or enquiry number K10-401

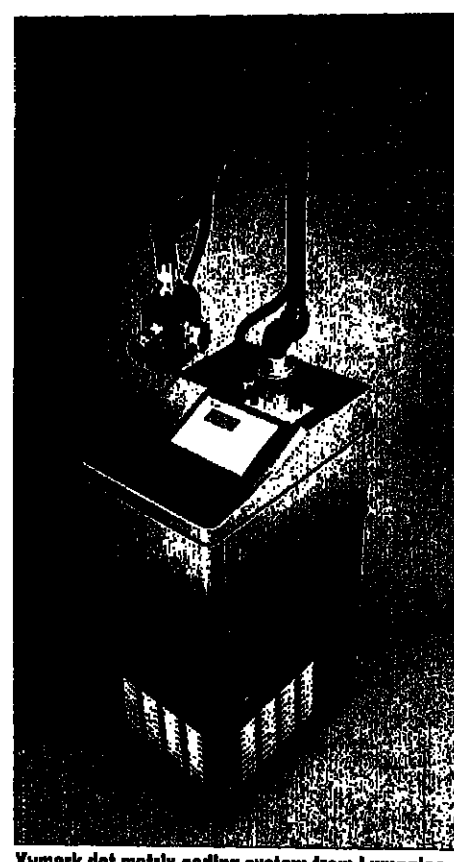
Laser coder prints four lines of text in various formats

Three products were launched by Lumonics Ltd - the latest Xymark laser coder, a further Autocode III stencil changing system and LaserMark 960, a pulsed laser coder.

The latest Xymark is the first laser coding system to offer the capability of up to four lines of text in various dot matrix font formats, says the company (Gothenburg Way, Sutton Fields Industrial Estate, Hull HU7 0YE - tel: 0482 831154, fax: 839233).

Designed with a smaller footprint and with a compact outer casing to save space on the factory floor, the Xymark offers users updated software control with large graphics and customised date and time options.

The unit offers on-line coding of many materials through the laser beam reacting directly with the material surface to apply an indelible mark. The code can now be applied in single or multi-line format, with or without graphics information, which offers users greater coding flexibility than previously available, says the company.



Xymark dot matrix coding system from Lumonics

Launched alongside the Xymark was the LaserMark 960, the latest in the series of pulsed laser coding systems. It can mark at line speeds of up to 1500 products a minute.

Shown at PPMA integrated into the LaserMark 960 was the next generation of Autocode automatic stencil changing systems. It is said to offer an 'absolute position' option for continuous feed-back of each stencil's position. This provides increased integrity for applications where absolute verification of the coded information is required.

For further information K10 129 Call for details 0839 772268

Automatic tube filling machine will make its debut

Making its debut on the Adelphi Manufacturing stand was a TGM Meccanica E250 automatic tube filling machine, following Adelphi's appointment as sole UK agent for the Italian company.

Very competitively priced, the E250 is capable of filling up to 2500 tubes an hour, says the company (Olympus House, Mill Green Road, Haywards Heath, W Sussex RH16 1XQ - tel: 0444 440091, fax: 440272). It can handle thermoplastics, laminate and metal tubes in diameters of 10-50mm and in volumes of 2.5 to 360g.

It can also be adapted to fill syringes and pots.

The Rota FLR50/G vial filling and sealing machine was

also demonstrated for the first time. It runs at up to 6000 vials an hour.

"Filling flowing liquids"

A bench mounted unit which can fill, cap and label containers of free flowing liquids was demonstrated. It can also take an automatic cap feeder.

Products from the recently acquired Coldstream Engineering company were also demonstrated.

For further information K10 129 Call for details 0839 772268

A wide web feature and very fast print

A purpose designed print and apply unit which has a wide web feature and very fast print, was launched by Sparkprint Ltd.

Robust use

Manufactured for robust, heavy industrial use, demonstrations of the unit were seen throughout the show. Also launched was a Challenger labelling head which has been designed and manufactured specifically for tactile warning labels.

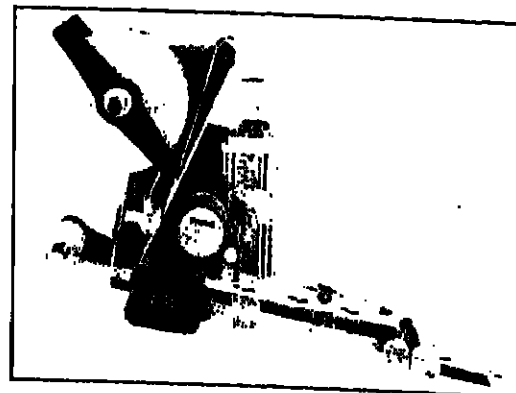
On-line labelling options

now available from Sparkprint (Darlington Road, Northallerton, N Yorks DL7 8UA - tel: 0609 780333, fax: 780423), include a preregistration unit for faster labelling throughput of cylindrical containers, thermal print apply for hazardous chemical warning labels and a chain alignment infeed system for accurate front and back labelling of oval bottles.

All labelling systems can now be supplied flameproofed to Zone 1, class 1 T6.

For further information K10 129 Call for details 0839 772268

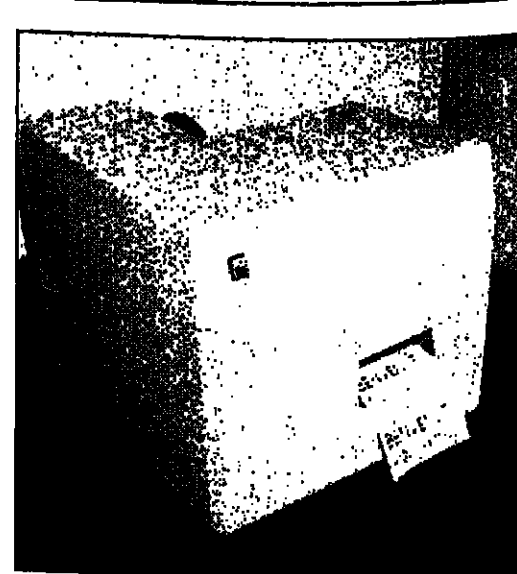
ETIPACK SELF ADHESIVE LABELLERS AND THERMAL PRINTERS



- SOLID CAST MACHINE BODY
- STEP MOTOR
- VERY HIGH LABEL ACCURACY
- UP TO 40 M/MIN OUTPUT
- AUTO SPEED VIA ENCODER
- BASIC PRICE FROM £2,800

SUSSEX AND BERKSHIRE MACHINERY CO LTD
PROCESSING AND PACKAGING MACHINERY

Blacknest, Alton, Hampshire, U.K. GU34 4PX
Tel: Alton (0420) 22609 Telex: 858916 SABMAC G Fax: (0420) 22687

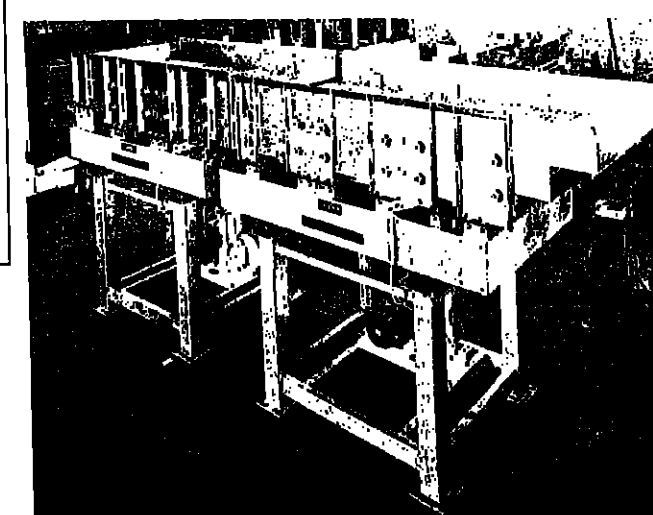


- FOIL SAVE DEVICE
- SIMPLE PC CONTROL
- FOR ALL LABEL APPLICATIONS

ETIPACK

Call on 0839 772268 or enquiry number K10-554

Grading fries



Three level grader from Driver Southall, made for frozen chips

A specialised grader, developed as a result of a significant order from Farm Frites in Poland, was promoted by Driver Southall Ltd.

Approximately 4000 x 1000 x 60cm, the grader sorts french fries onto three levels and forms a vital part of a feed system which has been built to the specification of the customer.

Fabricated in stainless steel with a galvanised steel base, the conveyor is hydraulically driven and comprises a series of plates with different holes to grade chips. "It surpasses anything of this type we

have built before," says Trevor Taylor, sales manager of the company (Maybrook Industrial Estate, Brownhills, Walsall, Staffs WS8 7DG - tel: 0543 375566, fax: 375979).

The grader is fed by a bucket elevator and is capable of handling several tonnes of product an hour. It can outfeed

in two directions into a modular feed system, says Driver Southall Ltd.

The latest versions of the company's P450 motorised checkweigher and the Pilot 90 checkweigher were also on show.

For further information K10 127 Call for details 0839 772268

Impulse inkjet

A range of impulse type inkjet printers was launched by Colant Ltd.

At the heart of the equipment is specially designed controller which can operate two to eight rows of print on one or two independent production lines. It is also capable of slant prints, where individual vertical dots are compressed into a merged print, which is particularly useful in barcoding applications, says the company, which is based at Faraday Close, Hampden Park, Eastbourne, E Sussex BN22 9AE - tel: 0323 520308, fax: 520146.

Non porous surfaces

The controller was demonstrated coupled to a P32 print head which can print up to 24mm high on non porous surfaces at a speed of up to 150m a minute.

A further development on show was an inexpensive high definition, large character printer. The T120 is compatible with the universal controller, and gives 120 dot definition for multi row printing. Line heights up to 32mm can be achieved which means cases can be marked with bar-codes and complex logos.

Pigmented or dye inks are available in most colours including white. They can also be indelible or uv readable, says the company.

For further information K10 129 Call for details 0839 772268

In-line capping unit works with filler

Visitors to the Universal Filling Machine Company's stand saw the first demonstration of an in-line capping unit working with the established MK2 Posimatic volumetric filler. It was shown filling liquids at a rate of approximately 70 bottles a minute.

System accuracy

This system can also fill creams, gels and many other cosmetic, pharmaceutical and toiletry products at speeds up

to 150 bottles a minute with a volume range of 5ml up to 1 litre. It fills to an accuracy of ± 25 per cent, says the company (Pound Lane, Kingsnorth, Ashford, Kent TN23 3JE - tel: 0233 643666, fax: 634431).

Recent addition

Machines demonstrated in the Posifill semi-automatic volumetric machine range included the Posiwin, a recent addition, and the Posifill 5000, which has a volume range of 250ml up to

5.8 litres. It was shown filling 5 litre containers.

Also demonstrated was a 2-head version of the Easifill range of semi-automatic vacuum operated filling machines which are said to be ideal for filling glass and rigid plastics containers with various cosmetic products.

A low cost Handifill manually operated unit was shown filling hair gel.

For further information K10 129 Call for details 0839 772268

PRINT YOUR OWN LABELS



The changing market demands flexible systems. Computer labelling will match your changing needs. Print one label in a second or thousands in minutes. Simplify designs and overprint variable information. Large text, bar codes, dates, serial numbers, ingredients.

LOGISTICS SYSTEMS ENGINEERING
KTEC Technologies Ltd, Technology House,
Seaford Lane, Beoley, Redditch B96 8DL
KTEC GROUP Tel: 0584 74 2629, Fax: 0584 74 2656

Call on 0839 772268 or enquiry number K10-429

Looking for a career move?

24 HOURS A DAY
7 DAYS A WEEK!

JOBS FAX LINE

For the very latest details of vacancies, in print and packaging whether management, production and technical or sales you can be sure you are up to date with the Packaging News Jobs Fax Line. Just call the appropriate number below from a fax machine and you will receive a fax back of the latest vacancies.

MANAGEMENT
0839 111 771
PRODUCTION & TECHNICAL
0839 111 772
SALES
0839 111 773
PACKAGING NEWS

IF IN DIFFICULTY CALL OUR
LIVE HELPLINE ON 0442 285 603
DURING NORMAL WORKING HOURS
Calls cost 39p a minute cheap rate and 49p a minute at all other times

THE TOOTHBRUSHCASE



THE WRAPPING MACHINE!

One example of the great variety of packaging solutions Solas can offer you. Contact us for more information Solas U.K.

Solas U.K. Ltd Unit 12
Aldgate Industrial Estate
Whitchurch, PO21 2BB
Hampshire
United Kingdom

THE SOAP BAR!



THE WRAPPING MACHINE!

The year-long experience of Solas in the packaging of personal hygiene articles ensures that with Solas you are making the right choice. Contact us for more information Solas U.K.

Solas U.K. Ltd Unit 12
Aldgate Industrial Estate
Whitchurch, PO21 2BB
Hampshire
United Kingdom

THE AUDIO CASSETTE!



THE WRAPPING MACHINE!

Solas is able to offer solutions for low and high speed applications in wrapping audio cassettes and other magnetic media, for single products as well as bundles. Contact us for more information Solas U.K.

Solas U.K. Ltd Unit 12
Aldgate Industrial Estate
Whitchurch, PO21 2BB
Hampshire
United Kingdom

TELEPHONE 0256 896930

Call on 0839 772268 or enquiry number K10-432

THE ULTIMATE IN SENSING TECHNOLOGY

The Tiny, Smart and Mity



Taylor Dynamic Controls
New House, Walton, Lutterworth, Leicestershire LE17 5RP
Telephone: 0455 554956 Fax: 0455 558148

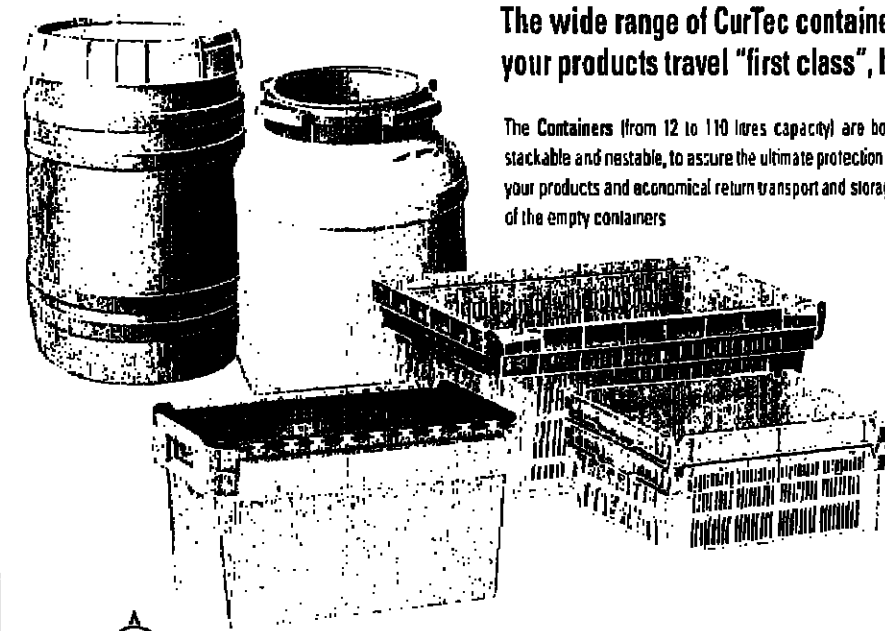
MOST CUSTOMERS THINK THAT THESE SENSORS ARE THE BEST AVAILABLE WORLDWIDE. Find out why the Tiny Eye, Smart Eye and Mity Eye are the most versatile sensors you can buy. They can work in high temperatures, low temperatures and offer a multiplicity of operating modes for Packaging, Processing, Printing, Cutting, Shearing and Converting to name but a few of the most obvious applications.

If your company needs reliable versatile state of the art sensors talk to:

We've Got Our Eyes On You

Call on 0839 772268 or enquiry number K10-417

Here is THE transport packaging! Where is YOUR product?



The wide range of CurTec containers and kegs has been designed to let your products travel "first class", but at "economy fares".

The Containers (from 12 to 110 litres capacity) are both stackable and nestable, to ensure the ultimate protection of your products and economical return transport and storage of the empty containers.

The "wide neck" and "total opening" Kegs (from 6.5 to 81 litres capacity) have NO metal parts and are air and water-tight, even after opening and closing them time after time. Most of the kegs come with a UN certification.

CurTec containers and kegs are:

- Manufactured from specially selected polyethylene, free of cadmium and other heavy metals, and can easily be recycled after a long lifespan.
- Extremely rigid, which offers safe and high stacking.
- Fully approved for food, food ingredients, chemicals and pharmaceutical products.
- Available in a colour of your choice or with your own name or logo.

CurTec
CREATIVE IN PLASTICS!

CurTec U.K. Ltd., Coomb House, St. Johns Road, Isloworth, Middlesex TW7 6NH, Tel: 081 568 4445, Fax: 081 568 4446

Call on 0839 772268 or enquiry number K10-431

THE PRINT AND PACKAGING BOOK CLUB

The Print and Packaging Book Club is a collection of the best print and packaging information from some of the leading publishers in this field

ENVIRONMENT

Environmental glossary
A Pira book, 1993
Doolay/Kirkpatrick £25

Packaging and ecology
A Pira book, 1992
Frans Lox £45

Packaging, the environment and the consumer
A Pira review, 1991
David Perchard £60

World environmental research directory
A Pira directory, 1992 £145

Life cycle analysis
A Pira conference paper, 1992 £60

Developing an environmental policy
A Pira conference paper, 1992 £60

Pira guide to print management
A Pira book, 1993
Derek Porter £45

Pira guide to total quality management
A Pira book, 1992
Ken Holmes £40

MARKET REPORTS

Packaging 2000
A Pira report, 1994 £475

Packaging in China
A Pira report, 1994 £350

European Packaging 1993/1994
Two volumes
Single volume £375
Both volumes £650

European Printing 1992
A Pira report, 1992 £450

European newspaper industry
A Pira report, 1994 £450

Advances in plastics packaging technology
A Pira book, 1993
John Briston £45

Corrugated board packaging
A Pira book, 1993
Gunnla Jonson £45

European food packaging and migration research directory

Call on 0839 772268 or enquiry number K10-431

40

NEWS



The opp film: a matt overcoating gives an 'old fashioned' look

Film gives biscuits an old fashioned paper-like image

To reduce overall packaging weight and cost, while increasing barrier properties and improving machinability, Fox's Biscuits has chosen an opp film from Mobil Plastics Europe.

Used for six products in the line

Oppalite 36 MO 747 is now being used for the six products in the Traditional Biscuits line from the company. To gain an 'old fashioned' look to match the brand image, a matt, heat resistant overcoating has been used on the film. This reproduces the original paper-like

image, says Mobil (UK): 1 Tower Place, Eton Street, Richmond, Surrey TW9 1EG - tel: 081-332 6261, 081-332 6256.

The Oppalite film is a white opaque, low density opp film, coated with acrylic on one side and pvdc on the other. It was selected because of the barrier properties against oxygen, light and humidity, which helps to preserve aroma. Because it is a monoweb material, overall packaging weight has been reduced and the film works well on horizontal form, fill seal equipment.

Converter of the film is Bonar Teich Flexible of Dundee.

For further information K10-444 Call for details 0839 772268

Two plastics bottle ranges extended

Responding to a market demand, International Bottle Company Ltd (IBC) is extending its Elizabeth and Canterbury ranges of standard plastics bottles.

The Elizabeth range includes glass and plastics bottles, says IBC Ltd (Beadle House, Bull Plain, Hertford, Herts SG14 1DT - tel: 0992 551751, fax: 554342). The oval hope Elizabeth bottles are available in a minimum quantity of 25,000. Supplied in pe, the Canterbury is a classic flattened shape with rounded shoulders. To 150, 200 and 250ml sizes will be added a 50 and 100ml.

For further information K10-445 Call for details 0839 772268

Celebrating 25 years self adhesive success

Multiprint Labels is celebrating 25 years of successful trading in the self adhesive labels business this year.

Since 1969, the company has developed into a multi-million pound company and now exports in excess of 80 per cent of its production to the UK

and mainland Europe. Over £7 million has been invested since 1989 by the company (Nore Road, Dublin Industrial Estate, Glasnevin, Dublin 11 - tel: 300544, fax: 307910).

For further information K10-446 Call for details 0839 772268

COMPANY NEWS

RPC Group plc has acquired the UK packaging business of Mekechic plc for £6 million. Mekechic manufactures dispensing closures at Halstead and promotional plastics packaging at its Market Rasen plant. "This acquisition represents the first step in our strategy to expand our business into complementary areas," says Ron Marsh, chief executive of RPC (0933 460020).

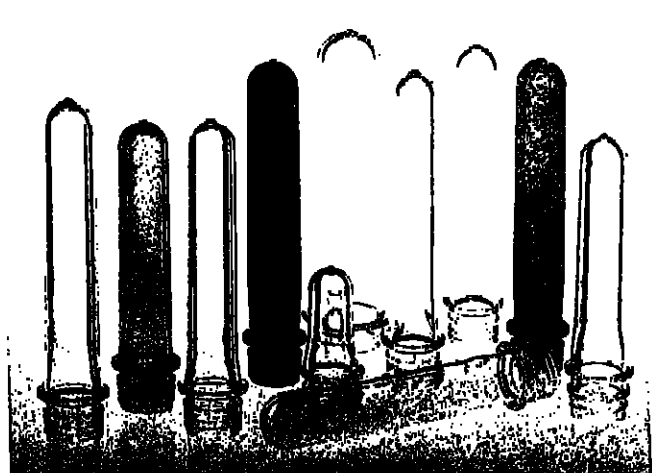
Arco Packaging Machinery Ltd has been formed to market thermoforming machinery and specialised wrapping and vacuum systems from Collmatic Srl in Italy and also the range of vertical/horizontal bagmakers from Kawashima, Japan. The new company is based at 15 Church Road, Codsall, Wolverhampton WV8 1EA - tel: 0802 847879, fax: 847909.

Print Design and Graphics Ltd (091-264 4638), has just invested £1.6 million in printing equipment and prepress facilities at its extended factory on Tyneside. Minister for Energy Tim Eggar MP recently visited the plant to start the Komori litho presses rolling.



Tim Eggar MP at Print Design and Graphics Ltd: (left to right) Gordon Soorer, director of PDG, Tim Eggar MP and Dave Gillender, director of PDG

Abertay Paper Sacks is investing over £4 million to make its Aberdeen factory one of the most automated sack plants in Europe. Equipment to provide sacks



Continental PET Europe is continuing to expand into Eastern Europe with the commissioning of its factory in Radomsko, Poland. The company (UK: 0536 401424), is currently the largest producer of pet preforms and bottles in Europe and claims a market share in excess of 25 per cent of pet preform supply in Poland.

on the reel, a Windmoller & Holscher sack bottoming machine and a fully computerised intermediate tubes storage system for pasted valve sacks will be installed by the company (0224 712881).

Storey Evans (0532 502323), is introducing a new printing process to its self adhesive labelling operation with the installation of a £80,000

The two UK inks and coatings companies in the Breat International Inks and Coatings Group are to merge their activities into a new company, Swate Process Ltd, under one managing director, Rick Potacki (061-748 7340). The move is said to benefit customers due to the joint technical expertise and extensive network of branches offered.

The Adelphi Group (0444 440091), has extended its filling equipment product range with the acquisition of Coldstream Engineering for an undisclosed sum.

SCA Packaging (031-339 3271) is consolidating the production from its two main Scottish factories into the Edinburgh plant. This will mean the closure of its Coatbridge plant before the end of the year with the loss of 61 jobs. An investment of up to £10 million in the Edinburgh plant is planned.

Following the mbo earlier this year, arrangements have now been concluded to change the name of flexible packaging

extruder and converter, Farlem Ltd to Merlin Flexible Packaging Ltd (0507 601161).

Metronic Printing and Coding Ltd is the UK company set up by Metronic GmbH to sell and service the range of coding and marking machines throughout the UK and Eire. The new company, which has Richard van den Berg as its managing director, is located at Hyde and Over House, Little London Road, Hove, Sussex TN21 0BL - tel: 0435 813086, fax: 813713.

Foilwraps Flexible Packaging (0604 583121), is expanding its range of services with a £2 million investment in prepress and printing facilities. A Barco prepress system has already been installed and a W&H Starflex flexo press is being commissioned this month.

Corporate Packaging has moved to 23 Long Garden Walk, Farnham, Surrey GU9 7HX - tel: 0252 717077, fax: 717005.

All companies in the newly merged AssiDöman group, which comprises Assi, Döman and NCB, will now trade as AssiDöman Packaging. This includes Medway Packaging of Aylesford, which will be known as AssiDöman Medway (0622 717855).

ADAS hygiene accreditation has been gained by Sidlaw Packaging - Venus and Falcon (0802 324391).

Ahlbrandt Systems (UK) Ltd and Enercon Industries Inc have formed a joint venture company - Enercon Ahlbrandt UK Ltd (0296 330542) - in the UK, to manufacture and support the Enercon range of induction heat sealing equipment throughout Europe.

41

PACKAGING NEWS

SPECIAL READER TRIPS

PACKAGING NEWS in association with Pressplan Travel have arranged Special Reader-Trips to

PACKEXPO CHICAGO 13-17 November From £686

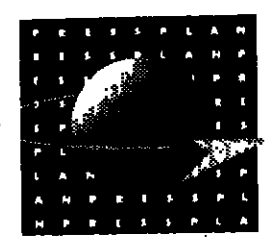
Inclusive of return scheduled flights, five nights accommodation at the first class Bismarck Hotel, UK departure tax, hotel tax and service charges.

EMBALLAGE

PARIS 14-19 November
Choice of two and three day tours
From £196

Inclusive of return scheduled flights, accommodation with breakfast at the first class Sofitel Saint Jacques Hotel, UK departure tax, all applicable taxes and hotel service charges.

For further information ring Pressplan Travel on 0727 833291 or complete the coupon below



P R E S S P L A N

Please send further information on the Packaging News Reader Trips to PACKEXPO/EMBALLAGE

Company Name & Address _____
Name _____
Tel No. _____
Fax No. _____

PACKAGING NEWS
A Maclean Hunter Publication

Maclean Hunter Ltd,
Maclean Hunter House,
Chalk Lane,
Cockfosters Road,
Barnet, Herts.
EN4 6BU

Call on 0839 772268 or enquiry number K10-444

Visual Carded Packaging

Cartons

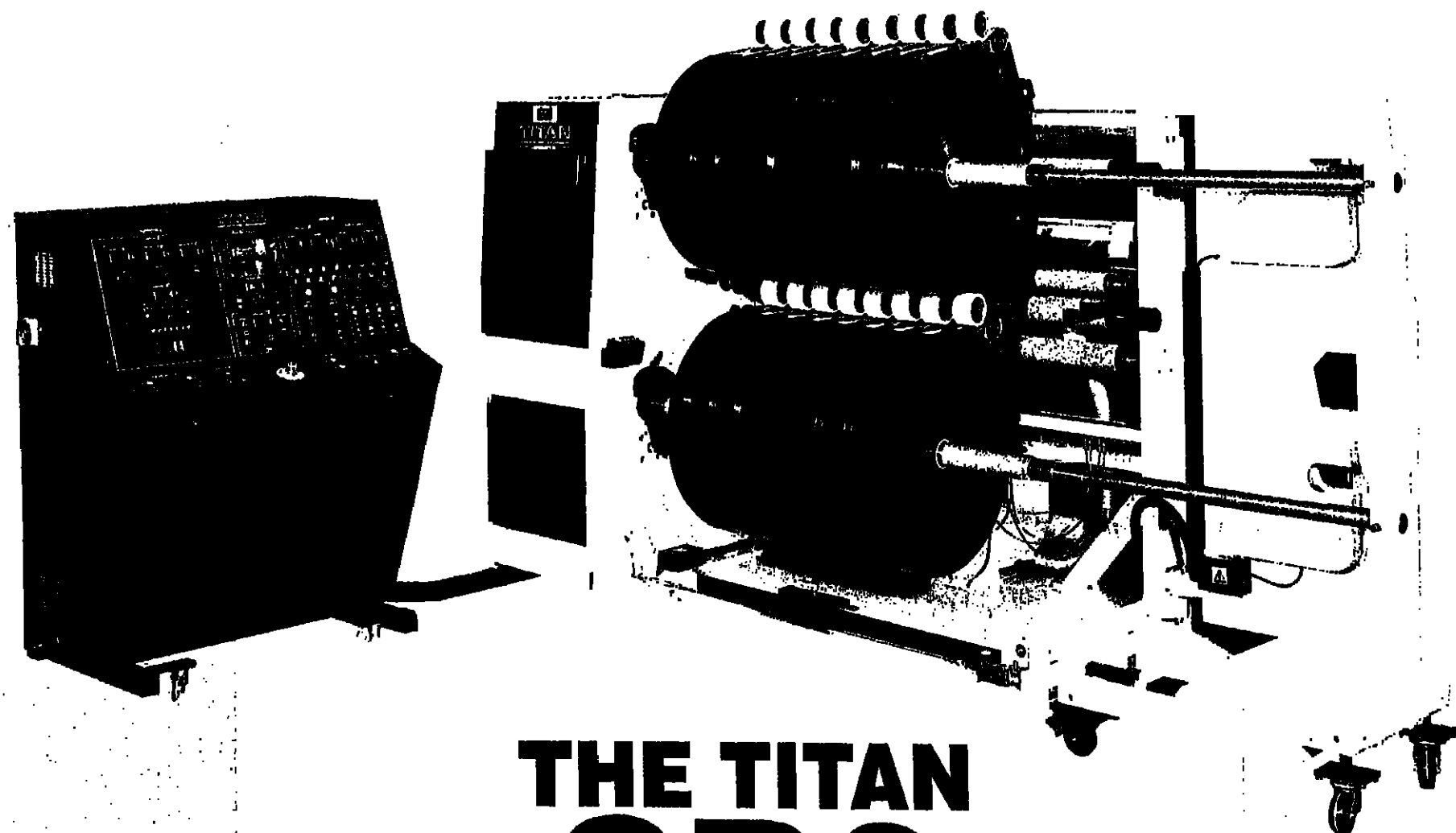
Storey Evans & Co Ltd
Raydon, Leeds LS19 6EA
telephone 0532 509228
fax 507135
telex 557135

Storey Evans
The Dependable People

Roll-Feed Labels

Call on 0839 772268 or enquiry number K10-422

UNBEATABLE QUALITY



THE TITAN SR6 SLITTER/REWINDER

- | | | |
|---|---|--|
| 1 Machines available in standard widths - 1,300, 1,600, 1,800mm | 3 Unwind diameters - 1,000 and 1,200 mm either shafted or shaftless | 7 Choice of slitting methods |
| 2 Rewind diameters available - 610 and 800mm | 4 Choice of differential air shafts or the world famous Quick-Lock system | 8 Optional computer control available for precise repeatability |
| | 5 Fast changeover minimises downtime and maximises productivity | 9 Optional mechanical handling for parent reels, finished reels and knife shafts |
| | 6 Converts a wide variety of materials | 10 Acclaimed world wide |



TITAN
CONVERTING EQUIPMENT

Titan Converting Equipment, 4 Gunnels Wood Estate, Stevenage
Hertfordshire, SG1 2TT England
Telephone: (0438) 741144 Facsimile: (0438) 740017

designed to be the best in the world

Call on 0839 772268 or enquiry number K10-440

CONVERTING

FOR PACKAGING PRODUCTION & PRINT



Six-colour carton installation

Mead Packaging, Bristol, has installed a KBA Planeta 142 six-colour press, which will be dedicated to the production of multipack carton blanks.

The installation, which includes a dedicated coater and perfecting facility between units one and two, is in line with the Mead Corporation's policy on European equipment. "To guarantee a secondary source of packs with consistent quality, we need to be compatible with our sister plants in Europe. We all therefore specify KBA Planeta presses because they are reliable workhorses," explains manufacturing director Morgan Beake.

Handling of stiff board is aided by the inclusion of a Spiess feeder and an air blast system is built into each unit on the Mead press to control the end of sheets during transfer.

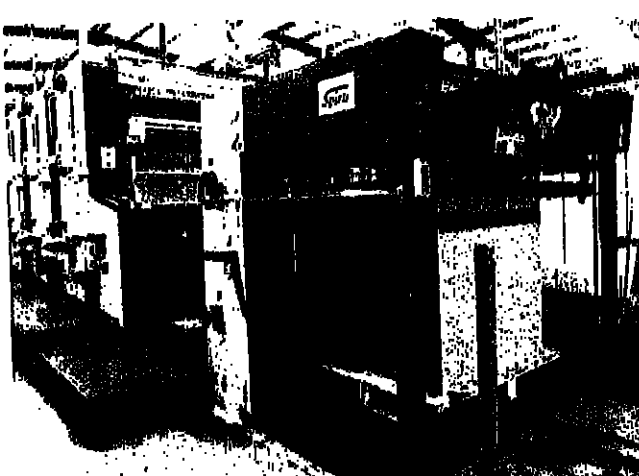
"We have found that the influence of Koenig & Bauer on Planeta has produced large format presses of the highest quality," says Mr Beake.

Baldwin automatic blanket and roller washers and Technotrans damping units also feature on the press, says KBA (5, Century Court, Tolpits Lane, Warford, Herts WD1 8RS - tel: 0923 819922, fax: 213411).

Membrane cuts cost of wastewater treatment

Costs for wastewater treatment can be drastically reduced using a membrane technology from Dutch company ATP (Advanced Treatment Processes) International, says the company.

Costs associated with pre-treatment, residual wastes and energy can be cut using the system, says ATP, which has



Spiess feeder: standard on all KBA-Planeta large format press

The operation must be able to cope with customers' short term marketing plans and promotions. "This is JIT at its sharpest, with customers aware that modern technology allows them to make decisions at the eleventh hour. But we have geared up the plant to handle this type of pressure," says Mr Beake.

Prior to printing and die cutting, reels of Mead's own Coated Natural Kraft (CNK) are sheeted on a Strachan & Henshaw twin knife unit, fitted with a Torres splicing and tensioning device.

Carton design is in-house through a cad/cam system which produces samples, with

just exhibited its technology at Amsterdam's Aquatech '94. A range of impurities can be separated from water, without the pre-treatment techniques - such as ion-exchange, filters or chemicals - required by many other systems.

Since use of the membrane surfaces is optimised, the system can work with lower pressures and so reduce energy requirements, says ATP (PO Box 161, 8050 AD, Hattem, Netherlands - tel: 010 31 5206 47447, fax: 5206 47495). Waste water percentages are also said to be low when compared with other techniques.

For further information K10 153 Call for details 0839 772268

Iplex management change announced

Management of the Iplex printing industry exhibition has switched from Reed Exhibitions (IRX), show owner Picon Ltd has announced.

Picon retains full ownership of Iplex, which is due to run next in 1998, but under its new contract IRX will manage the next four exhibitions until 2013.

While stressing that the rapid growth in new technologies means that the format of the show will need a lot of careful consideration, Picon deputy chief executive Norman Bayley told CW that it would clearly safeguard the interests of its large converting membership.

"We were very much impressed with IRX's vision for

the Iplex brand and they presented a financially attractive package," says Picon chief executive Colin Middlemiss.

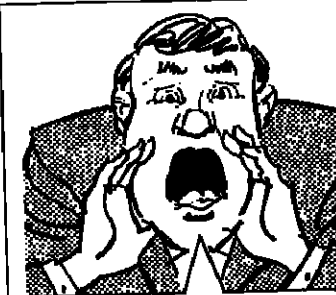
"What we would hope to do for Iplex is to be able to take a long term view and develop the exhibition from event to event," says Iain Melville, md of IRX. Picon will still be collaborating with Reed Exhibitions on the Convertex show, says the industry organisation (Queens House, 55-56 Lincoln's Inn Fields, London WC2A 3LJ - tel: 071-831 3303, fax: 071-831 6029).

Among those recruited by IRX to back up its portfolio of exhibitions are David Korse and Will Morris, both previously with Reed Exhibitions.

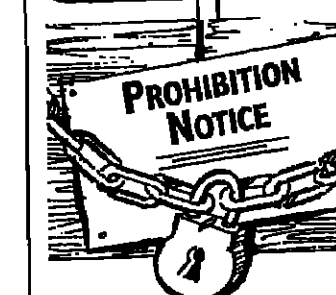
For further information K10 151 Call for details 0839 772268

Flexo addition

Rapid expansion has led the Design and Display Group to invest in the UK's first Oscar Friedheim Prothetec 1000 Flexo press for its flexo label business. The Devon-based company decided the press would add to its rotary letterpress capability, says Oscar Friedheim Ltd (250 Waterloo Rd, London SE1 8RE - tel: 071-928 1363, fax: 071-928 9361).



IGNORE THE NOISE AT WORK REGULATIONS AND THE SILENCE COULD BE DEAFENING!



If you have to shout to make yourself understood from 2 metres, your employees are almost certainly being exposed to noise above the FIRST ACTION LEVEL.

A WORKPLACE NOISE ASSESSMENT is essential, not only to comply with the regulations, but also to protect your business and ensure peace of mind.

Whether you're a director, manager or company secretary, you could be prosecuted for contravening the "Noise at Work Regulations 1989".

Sargents can arrange for a local Independent Consulting Engineer to carry out a WORKPLACE NOISE ASSESSMENT and recommend practical solutions where necessary. The cost of this survey is as little as £350.00 + VAT which would be deducted in full from the cost of any remedial work provided by Sargents.

For more information or a survey contact us on:

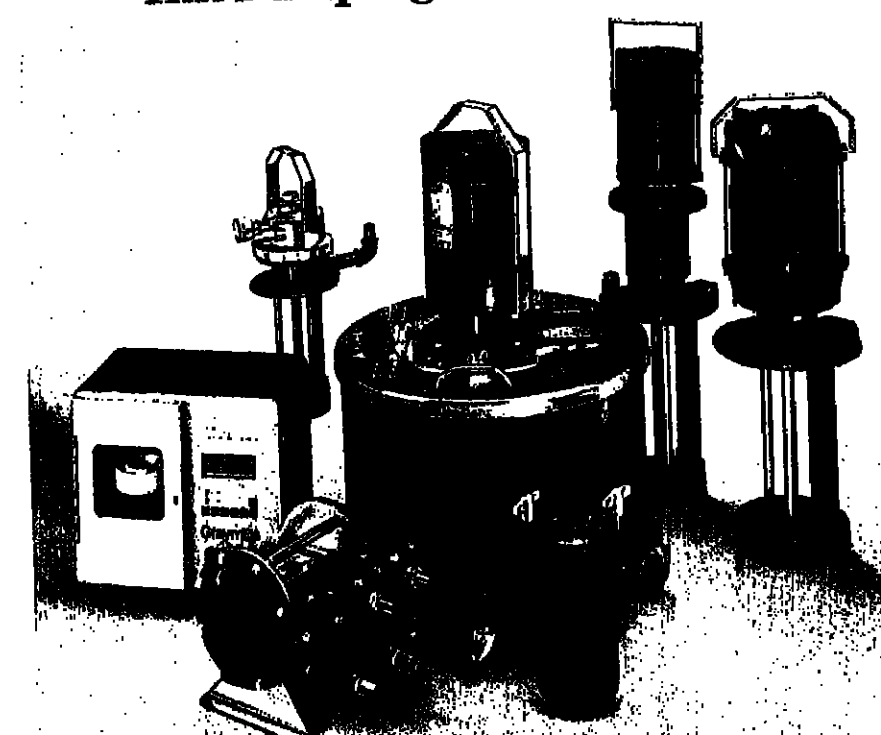
TEL: (0622) 791107 FAX: (0622) 791095

SARGENTS
ACOUSTICS

Sargents Acoustics, 111 Mill Road, Quarry Wood Industrial Estate, Aylesford, Kent ME20 7HL. Tel: (0622) 791107 Fax: (0622) 791095.

For further information K10 680 Call for details 0839 772268

Graymills Ink Pumping/Conditioning



Complete Systems or Components

- Ink Pumps □ Tanks/Containers
- Filters □ Viscosity Controllers
- Anilox Roll Cleaning Equipment

stanley
press equipment limited

Graphic House, Bank Street, Macclesfield, Cheshire, SK11 7BR
Tel: 0625-429211 Fax: 0625-614900

Call on 0839 772268 or enquiry number K10-671

TURN TO THE BACK
PAGES
WITH WORDSWORTH CASH

Compact desktop labelmaker

Visitors and exhibitors alike seemed to be very enthusiastic about the business convened during Convertex last month. As *Converting World* went to press, 2200 visitors had attended, with one more day to go. This had already beaten the 1992 show's attendance which was 1700 overall. Here we highlight just some of the products on show.

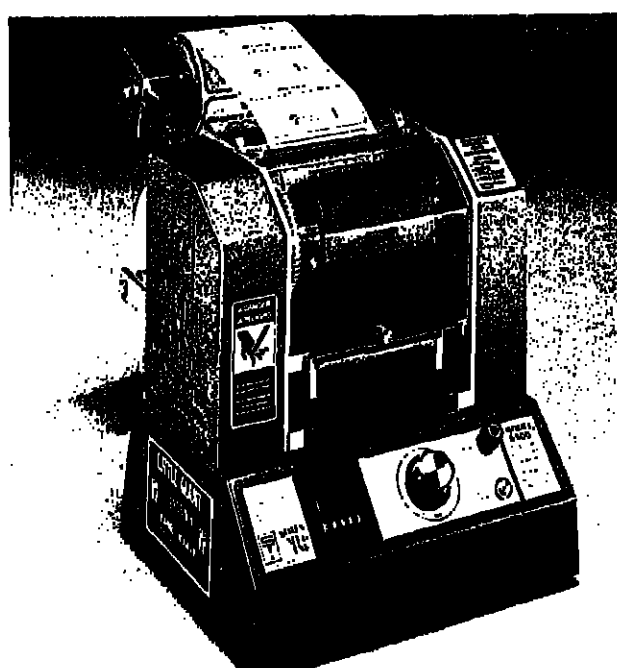
The Sohn compact, desktop, self adhesive labelmaker range of equipment, said to be ideal for short run or in-plant label production, was demonstrated by Pinewood Label Systems Ltd.

The machines take full advantage of current flexo ink and platemaking technology to produce quality one colour butt labels from rolls of self adhesive base material, says the company (The Stables, Old Charlton Road, Shepperton, Middx - tel: 0932 243724, fax: 246632).

Label length can be automatically determined and cut without mechanical adjustment or expensive tooling.

For further information, call 0839 772268

The Sohn 6400 labelmaker



Retrofit service offered on drying and curing systems

Designer and manufacturer of drying and curing systems, Techni Dry will now offer flexo printers a retrofitting service to add various systems to existing printing presses.

These include infra red, hot air knife and ultra violet curing systems, all designed by Techni Dry and now being supplied to corrugated board printing machine manufacturers as standard options.

Wet on dry

Inter-colour drying is achieved through a patented drying head using a specially tuned infra red lamp for flexo inks. This enables 'wet on dry' printing for much higher dot quality

and increased production speeds, says the company (Mount House, Bond Avenue, Milton Keynes MK1 1LA - tel: 0908 646000, fax: 646111).

To accommodate uv and aqueous coatings, which are used more and more to give a high gloss sheen and a protective quality to the board, Techni Dry has designed in press and add on conveyorised systems.

Technical personnel from the company visit sites to investigate the possibilities of including drying and curing equipment on existing printing presses.

For further information, call 0839 772268



UK-made metal shafts

Orion Machinery, who signed a distribution agreement with American airshaft and chuck manufacturers Double E earlier this year, are now to make part of the range in the UK.

In an agreement signed at the show, Orion will make Double E's range of metal shafts, which will be offered at lower prices once manufacture gets underway. Construction and quality will be identical to US-manufactured shafts, with some specialised components still being supplied direct from the US.

Customers of metal shafts are very cost conscious and therefore the move will enable us to offer the premium quality of Double E shafts at very competitive prices, says Orion Machinery (Draycott Business Park, Cam, Dursley, Glos GL11 5DQ - tel: 0453 890881, fax: 890312).

Manufacture of carbon fibre shafts will continue to be carried out in the US.

For further information, call 0839 772268

Machine Knives and Tooling for the Paper, Board, Plastic and Rubber Industries



Slitting and slotting knives • Spacers and strippers • Stitch flap blades and anvils • Creasing, slitting and slotting bosses
SPECIALISTS IN KNIFE RECONDITIONING & REGRINDING

Mansfield Board Machinery Ltd.

UNIT 2, HORSLEY ROAD
NORTHAMPTON, NN2 6LJ ENGLAND
TEL: 01804 713555 FAX: 01804 791132

Call on 0839 772268 or enquiry number K10-685

Auto profile control for film

An advanced auto profile control system for blown film lines shown by Battenfeld Gloenco Extrusion Systems.

It comprises one 225mm diameter three layer coextrusion stationary internal bubble cooled die, with 814 polycool dual lip air ring, adjustable iris, and auto profile control for the production of three layer films for barrier packaging applications.

"Precise gauge control"

The die design provides optimum flow distribution of each layer for precise gauge control and low residence times, says the company (Berry Hill Industrial Estate, Kidderminster Road, Droitwich, Worcs WR9 9RB - tel: 0905 775611, fax: 776716). A major benefit

The auto profile control system for blown film lines shown by Battenfeld Gloenco

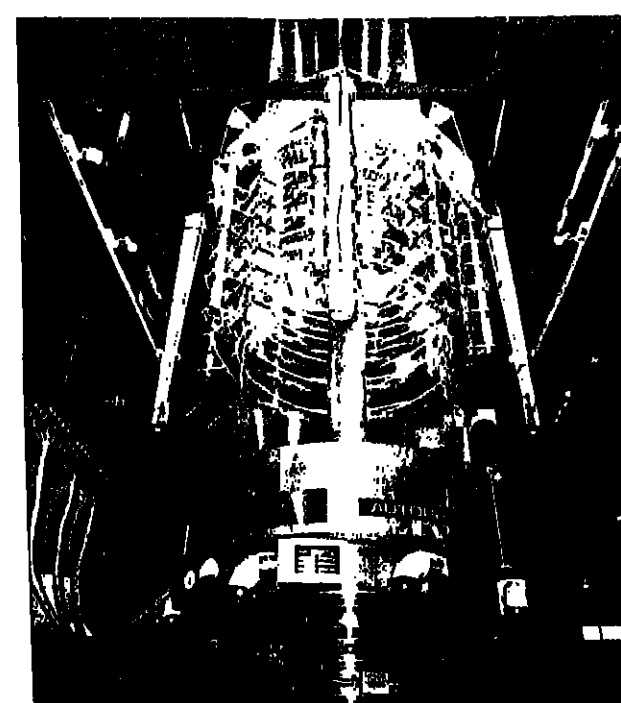
is an improvement in yield as the average gauge can be set closer to the minimum film thickness.

The Extrol process control system, along with the gauge sensor, is able to control machine direction film thickness by adjusting the speed of the line.

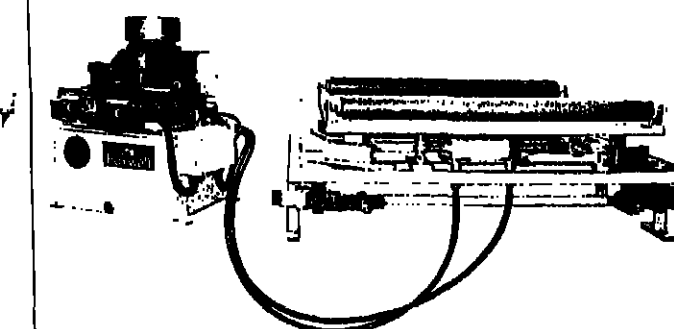
For applications such as hdpe it is beneficial to be able to adjust the temperature at which the film is collapsed. The auto profile control system achieves this by accurately controlling the overall temperature of the air from the air ring, while still maintaining circumferential control.

The system can be retrofitted to most blown film lines, says the company.

For further information, call 0839 772268



Web guiding systems



A full range of web guiding systems suitable for paper and plastics film was demonstrated by Daniel Foxwell (Engineering) Ltd (Mackenzie Industrial Park, Birdhill Lane, Cheadle Heath, Stockport, Ches SK3 0SB - tel: 061-428 7113, fax: 061-428 7126). A narrower width guiding system with linear actuators and photo-cell sensing was also exhibited.

A hydraulic shaftless unwind station which has hydraulic motion and three different modes and which can be supplied with automatic tension control, completed the display.

For further information, call 0839 772268

A new name in carbon fibre air shafts & rollers

Using expertise gained in the punishing world of Formula One car construction a woven composite shaft structure has been created - as strong as steel yet less than half its weight.

From the outset safety was paramount in the design of CARBONLITE shafts. Wind-tunnel observation chambers ensured three rd angles and about Carbon shafts are woven to resist slitting and fatigue.

CARBONLITE shafts are uniquely colour-coded for easy identification of load limits.

At less than half the weight of steel CARBONLITE shafts can safely be handled manually.

WE GUARANTEE that if CARBONLITE shafts do not completely meet your required specifications we will refund your money.

UK designed and produced so we are readily available for on-site technical advice and support. Call Peter Emmerman or Andrew Poorman now for more details.



with over 20 years proven experience!

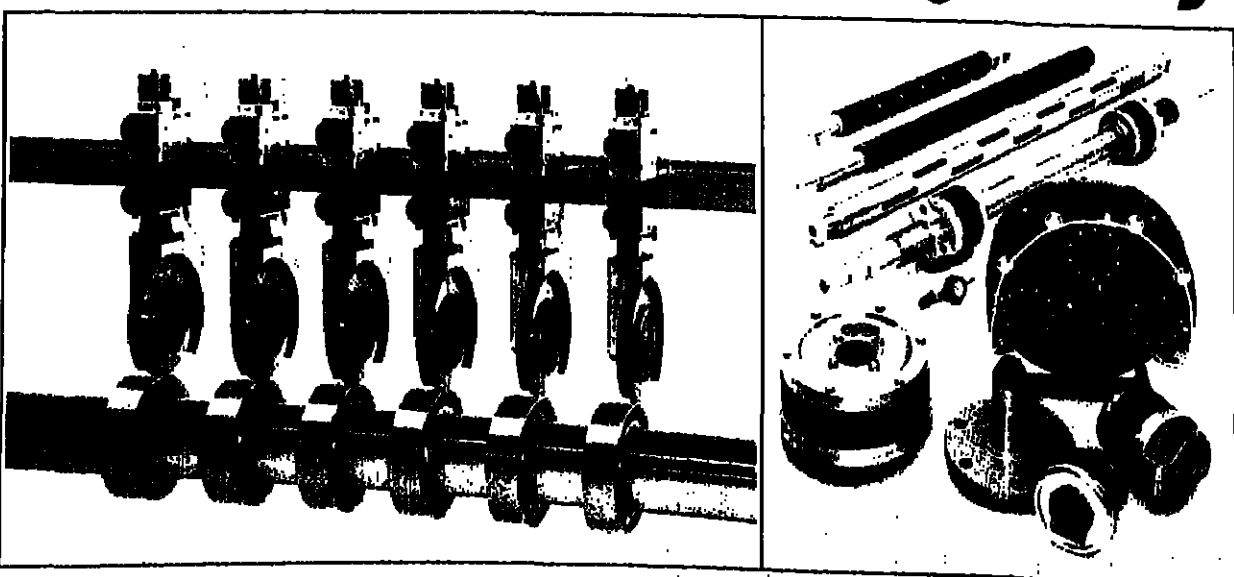


CARBON LITE LIMITED

CONVERTING EQUIPMENT DIVISION
BANK WORKS, TUEL LANE, GOWDERY BRIDGE, WEST YORKSHIRE MK6 2ED TEL: 01422 886882 FAX: 01422 891187
A Coating & Laminating Systems Ltd Group Company

Call on 0839 772268 or enquiry number K10-686

Tidland, Serious Quality



When converters want the best, they rely on Tidland for AirShafts, core chucks, air brakes and tension controls, knives and slitting systems. And Roll Savers to restore crushed rolls. That's the way it's been for 40 years. Make your first choice the right choice. Call Tidland for complete information.

Tidland

Tidland (UK) Limited
70-72 Manchester Road, Denton, Manchester. M34 3PR
Phone 061-520 7242 Fax 061-320 4513

Call on 0839 772268 or enquiry number K10-675

SWEMKO

EXCLUSIVE AGENTS FOR THE WORLDS

LARGEST MACHINE KNIFE MANUFACTURER

Supplying knives to the Conversion Industry

With 20 Years experience and Two Regrinding Stations

Makes us a cut above the rest

SALES & REGRINDING SERVICE
BRISTOL ROTHERHAM
Tel: 0117 8712237 Tel: 0708 632227
Fax: 0117 8720470 Fax: 0708 703237

Call on 0839 772268 or enquiry number K10-683

Spooled tape investment in British-made quality

A £500,000 investment programme which aims to make Concorde Tape Solutions the most advanced producer of bobbin-wound tape in Europe has just been announced.

Specialising in spooling and converting adhesive and non-adhesive tape, the company has identified a number of product areas where mainly foreign competitors dominate the British and European markets.

"By Pakes, we will have a wide range of British-made tapes that will provide a real quality alternative to imported versions," says John Murphy, chairman and managing director of Concorde (Concorde

House, Stewart Close, Ecclehill, Bradford, W Yorks BD2 2JE - tel: 0274 633315, fax: 626412).

"Broadest selection"

"We will have commissioned our new plant, which will give us the capability to produce the broadest selection of spooled tape widths in Europe."

Benefits of spooled tapes outlined by the company include increased productivity due to less downtime.

For further information K10 0439 772268

FERRISGATE CUSTOM COATING AND LAMINATING SERVICES

- Development facilities.
- Technical Support.
- Proven quality control systems.
- Coated and laminated products.
- Plus subsequent conversion.

For cost effective, confidential work, call Mike Draper

FERRISGATE LTD.
Ferrisgate House, Burrell Way, Thetford, Norfolk IP24 3RA.
Tel: (0842) 766308 Fax: (0842) 754438

Call on 0839 772268 or enquiry number K10-678

WITH BURT'S REEL SHAFT INSERTION & WITHDRAWAL DEVICES

Singlehanded manoeuvring of Heavy Reel Shafts is undertaken easily & in complete safety

MOBILE version used for with drawing shafts from reels. Shaft clamped by one end journal and cast wheel.

Three models available. Mobile version can handle weights from 75 to 250kg. Any length of reel shaft can be handled within these weights.

Hydraulic operation available on all models.

STATIC version used with shafts which can't be cast/wheeled.

- Shaft diameters from 70 to 250mm (other sizes considered)
- Shaft weights up to 250kg
- Shaft lengths as required
- Can be incorporated into automatic shaft loading/unloading systems

Only available from
JOHN & Wm BURT LIMITED
2 Midas Metropolitan Estate, Garth Road, Morden, Surrey SM4 4NJ
Telephone: 081-337 3373 Fax: 081-330 7721

Call on 0839 772268 or enquiry number K10-681

Metal deposition monitoring system can be retrofitted

The deposition monitoring system first introduced by General Vacuum Equipment (GVE) on its EHF range of roll coaters is available as a retro-fit on other converting machinery equipment, including existing installations of competitor metallising systems.

As the system's software measures the thickness of the metal being deposited on the film, it provides enhanced quality assurance for barrier packaging, says GVE (Pennine Business Park, Pilsnith Road, Heywood, Lancs OL10 2TL - tel: 0706 622442, fax: 622772). It is fitted inside the metalliser to continuously measure the metal deposit in-process.

As the metallised film or paper (web) leaves the process coating drum, it passes around an insulating roller before it reaches the rewind roll. Mounted adjacent to the insulating roller is an alloy beam across the width of the web, with an array of electronic sensor heads. The heads are in close proximity to, but not touching, the web itself. Coils within the sensor



Measuring the optical density of the metal deposited on the film

heads carry radio frequency signals which induce eddy currents in the metallised surface of the web as it passes. The magnitude of the eddy currents is dependent on the thickness of the aluminium layer - a thicker layer has a lower electrical resistance so larger eddy currents are produced.

These eddy currents predictably 'load' or affect the behaviour of the sensor head coils such that the thickness of the metallising can be deduced.

Because the GVE monitor is measuring the electrical properties of the aluminium layer, it is suitable for metallised film, paper and printed/opaque webs, without the need for set-up changes in between. The system's software is able to convey the metal thickness to the user in different units, depending on individual requirements. For example, OHMS/SQ, optical density or angstroms.

For further information K10 0439 772268

Easy-to-use corrugated casemaker

A British manufactured corrugated casemaking machine which has been designed to be easy to use and provide for fast production speeds, is available from Fyne Packaging Ltd.

As well as allowing companies to replace its stocks of cases by manufacturing in-house on a job basis, the Harrier machine also allows for special promotional or trail size cases to be produced, says the company (PO Box 443, Leighton Buzzard, Beds LU7 8AJ - tel/fax: 0525 852246).

Simple keypad

Operated from a simple electronic keypad, said to provide for set up times of around 15 seconds, the Harrier Boxmaker can manufacture 33 Fefco case styles at production speeds of up to 600 boxes an hour. The unit, which can be supplied to meet special customer requirements, is ideally suited for in-house production, according to the company.

For further information K10 0439 772268

POWERWISE INK PUMPS

2.5 GALLONS A MINUTE

COMPLETE WITH BYPASS SYSTEM

FITS ANY FLEXO & GRAYVURE MACHINE

LONG LASTING NYLON COATING FOR EASY MAINTENANCE

CUSTOM FITTING AND EX-STOCK DELIVERY

Call on 0839 772268 or enquiry number K10-676

WEB CLEANING TECHNOLOGY

Contact, Non - Contact and Ultra - Sonic cleaning technologies for the Converting, Printing and Corrugated Industries

P & M LIMITED

27, Lyndale Road, Eldwick, Bingley, West Yorkshire BD16 3HE
Tel: (0274) 552969
Fax: (0274) 552968

As shown at Convertex '94

Call on 0839 772268 or enquiry number K10-691

RIMOR AIRSHAFTS

2000 SERIES AIRSHAFT from 20mm diameter as standard

The Benefits of choosing a RIMOR AIRSHAFT

- RIMOR is a BS5750/ISO9002 approved Company
- Competitive prices
- 7 Day delivery service available
- Volume sales discounts
- Stocks held for volume users
- Spares available within 24hrs

7000 SERIES AIRCHUCKS 76mm to 305mm diameter as standard

Call on 0839 772268 or enquiry number K10-674

Rimor Airshafts, Parklands, Forest Road, Denmead, Hampshire PO7 6TJ Tel. (0705) 264063 Fax. (0705) 230475

Call on 0839 772268 or enquiry number K10-674

Selling carbon fibre shafts direct

After more than two years of operational trials with carbon fibre shafts manufactured in-house, Coating and Laminating Systems (C&L) has established a joint company to sell products direct to the converting industry.

According to Carbonlite Ltd, it is set to exploit to the full, the exceptional physical properties of carbon fibres in relation to shafts and rollers of all kinds.

While the weight saving advantages inherent in substituting carbon fibre for steel have long been recognised by the industry, C&L directors Peter Emmerson and Phillip Hopple feel that now is a good time to enter this market.

The new manual handling

regulations limit the maximum weight which any individual may lift standing unaided to 25kg and so the extra cost of carbon fibre shafts is more than offset by any alternative handling costs now necessary, says the company (Banks Works, Tuel Lane, Sowerby Bridge, W Yorks HX6 2EQ - tel: 0422 835692, fax: 831167).

By pooling resources with a manufacturer of advanced F1 automotive structural parts, a system has been developed which is said to surmount the problems associated with earlier attempts to satisfy converters.

The shafts themselves are made in three easily identifiable colour-coded ranges, for light, medium and heavy duties respectively and, instead of

being wound from monofilament fibre, use woven material fabricated by a special laminating technique designed to match the axial, radial and torsional loads involved.

As well as the overwhelming strength, to weight ratio that carbon fibre shafts



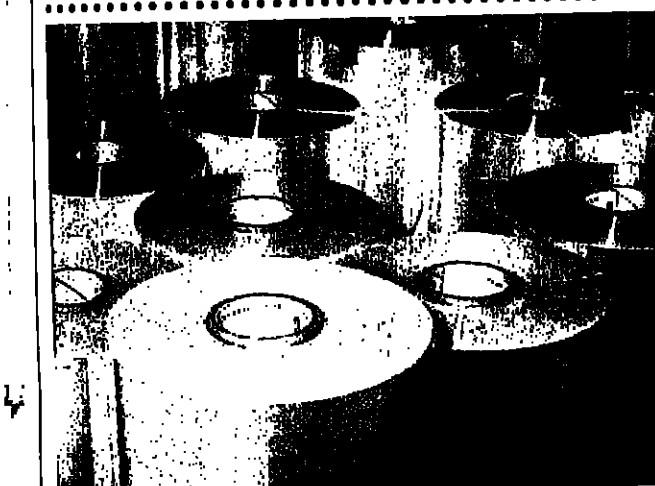
demonstrate over steel versions, the new shafts are said to give better damping characteristics, extended fatigue life and freedom from corrosion.

Confidence in the new process is high, not least because C&L has itself been quickly incorporating the carbon fibre shafts in its own coating and laminating machinery for more than two years.

According to C&L, these have been running trouble-free with customers worldwide throughout this period.

Sales of the new products will be the responsibility of new sales director, Andrew Pearman.

For further information K10 0439 772268



Upgraded bubble unit

Significant roll quality improvements are now said to be available on Moplex polypropylene films following the commissioning of a revamped and upgraded bubble unit, targeted specifically at the production of laminating film.

Further improved levels of service, including a 24 hour service for small, urgent orders is also now available from the company (Britannia House, Brantham, Manningtree, Essex CO11 1NW - tel: 0206 383345, fax: 395938). "We have always realised that quality is of the essence in laminating films," says Malcolm Watts, UK sales and product manager at Moplex. "Both the BPL 3 gloss and BM 13 matt pp films are the result of many years development."

Mechanical features of the film include high slip, anti-blocking and anti-static characteristics.

For further information K10 0439 772268

UV curing inks offer advantages

Two ranges of high performance uv curing inks are now available from Casco Nobel Inks, a launch said to further strengthen the company's position in the UK label printing sector.

Flexocure uv flexo inks are suitable for universal application onto all types of paper, film and foil substrates and have been developed from Casco's Uvoflex inks range.

Key advantages over other ink systems include higher strength, lower viscosity, superior adhesion to films and foils, faster drying and a low irritancy factor, says the company (Dean Road, Cadishead, Manchester M44 5AJ - tel: 061-775 7311, fax: 061-775 0349).

For further information K10 0439 772268

Speciality rollers for all applications.

The PAM range of speciality rollers offers a vast choice, with a model suitable for every printing, converting, coating and laminating application.

Optional finishes for both steel and aluminium bodies include: heat hardened, ionic hardened, gas nitrided, rubber coated, non-stick or Teflon, chromed, anodised or induction

hardened. Lengths & diameters to suit the customer.

Optional finishes for both steel and aluminium bodies include: heat hardened, ionic hardened, gas nitrided, rubber coated, non-stick or Teflon, chromed, anodised or induction

For perfect rewinding or slitting operations, fit the new TEMA stretcher roller in order to eliminate creases.

Construction from ozone-free rubber, to lengths & diameters

THE MOST COMPACT & VERSATILE RANGE OF DC DRIVES FOR THE CONVERTING INDUSTRY

SPRINT Electric

WORLD CLASS IN DESIGN

WORLD BEATING IN FUNCTION

TELEPHONE: (01903) 730000
FAX: (01903) 730893

Call on 0839 772268 or enquiry number K10-679

Waste removed by air suction

Mouzon vacuum-suction systems for removing & transporting waste and trim material are applicable to printing, finishing, converting and packaging machines - either singly or collectively.

The waste or trim material is sucked up at source by vacuum heads, then transported to a selected collection point through ducting. The waste/trim material may be chopped, treated or filtered en-route.

Enquiries to Jarshire Ltd, Levels House, Bristol Way, Stoke Gardens, Slough SL1 3QE. Tel 0753 R25122 Fax 0753 694653.



Call on 0839 772268 or enquiry number K10-690

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

CONVERTING WORLD

Upgrade package on corrugated post-print

Conversion of existing flexo and letterpress primer-slotters to chambered doctor blade inking systems can save sufficient ink to provide a payback in 18 months on post-printed corrugated, according to Synpro Machine Initiative.

The company has developed a series of standard upgrade packages for most existing corrugated post-print presses including Simon, S & S, Crosland, Emba, and Deritend. On flexo machines existing rubber roller doctoring is replaced with chambered doctor blades, the anilox roller balanced and its housing modified to provide easier changeover. "The great advantage of

upgrading to doctor blades is the improved print definition, particularly important for barcodes and reversed-out type," says Synpro (River Works, Shepley North Industrial Estate, Manchester M34 5JL - tel: 061-335 0748, fax: 061-335 9803).

The company recently carried out a conversion on a 100in wide two-colour printer.

For older, letterpress machines the upgrade consists of replacing the inking system with blade doctoring allowing oil-based inks to be replaced by water-based versions.

For further information K10 608 Call for details 0839 772268

PRINT FINISHING

Narrow web press for cartons or film

A narrow web press aimed at medium to long run work and capable of handling materials from 50 micron unsupported opp to carton board, has been announced by Gallus.

The CS250 can be equipped with letterpress, flexo, screen and hot-foil die stamping units, which pivot and slide out onto trolleys to be quickly exchanged for another unit, with no need for tools. A complete changeover of job, substrate and printing process takes 45 minutes, says the company (6-7 The Quadrant, Newark Close, Royston, Herts SG8 5JL - tel: 0763 242244, fax: 0763 242975).

As the print units are changed, a sliding control panel running the entire length of the



press records every change through a standard interface, providing a menu-driven visual display for each new make-ready. Changing the counter impression cylinder, for example, is said to be reduced to less than a minute.

To cope with a wide range of substrates, the CS250 is designed to accept ultra-violet curing units in a choice of positions, with up to three units at each printing station. A parabolic mirror, permeable to infra-red, helps reduce web temperatures. On single unit operation, letterpress speeds of 100 metres/min can be achieved, says Gallus.

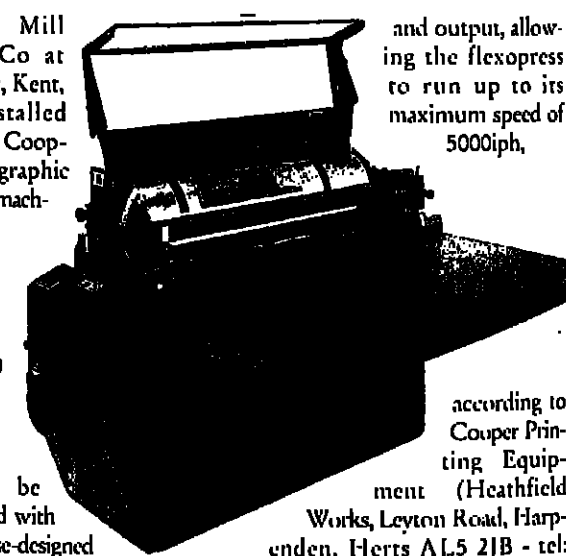
Finishing equipment includes an electronically controlled flat bed die-cutting unit and cutting/creasing, stripping and guillotine for cartons.

For further information K10 607 Call for details 0839 772268

The Gallus CS250 is designed to break existing thought patterns by allowing maximum flexibility of production processes across many substrates

Flexopress allows for just-in-time decoration

Swan Mill Paper Co at Swanley, Kent, has installed the first Cooper flexographic printing machine



The Series II Model 800 machine from Cooper

and output, allowing the flexopress to run up to its maximum speed of 5000iph,

according to Cooper Printing Equip-

ment (Heathfield Works, Leyton Road, Harpenden, Herts AL5 2JB - tel: 0582 764431, fax: 0582 768608).

Using a flexopress, rather than conventional systems, allows cases to be decorated with full graphics on a just-in-time basis, as well as barcodes and alpha-numeric identification.

For further information K10 609 Call for details 0839 772268

Hickeys? If This Doesn't Work...



... We'll Buy It Back!

We've proved it with hundreds of installations worldwide, and back it with a 100% money back guarantee. If hickeys are a problem, they're costing you more than you think.

The Delta Advantage converts to a very advanced coater

- Hickey free printing even with recycled paper
- Sharper images and cleaner reverses
- Reduced downtime and increased productivity
- Compatible with alcohol-free fountain systems

For more information on the Epic Delta Quality Print System call: UK: 0480 470207 USA: (817) 640-3037



Epic Products International
2801 E. Randell Mill Road, Arlington, TX 76011
UK and European Agents:
Epic Delta Systems (UK) Ltd
St Mary's House, St Mary's Street, Eynesbury
St Neots, Cambs PE19 2TA

Call on 0839 772268 or enquiry number K10-684

PRINT FINISHING

Huge UK potential for the use of foil stamping, embossing and die cutting

Wine labels and swing tickets are among products that could benefit from the use of foil stamping, embossing and die-cutting, says US equipment manufacturer Brandtjen & Kluge.

While the North American market has long been aware of the value added by these techniques, the UK appears to be up to 15 years behind in appreciating their benefits, says the press manufacturer.

Technical awareness

When considering any of these processes, or a combination of them, companies should be aware of the technical requirements from the earliest possible stage. Foil and paper specifications, the types of embossing and production techniques are among the criteria that should be taken into account.

If paper is to be used it should be of a type with sufficiently long fibres to hold the embossing well. If laminates are being foiled, the correct match of materials should be selected, with the correct foil to achieve coverage.

Die-making from artwork must also take account of heat expansion, given the temperatures of 60 to 70deg C required for embossing and 110 to 115deg C for foil stamping.

The majority of cosmetics

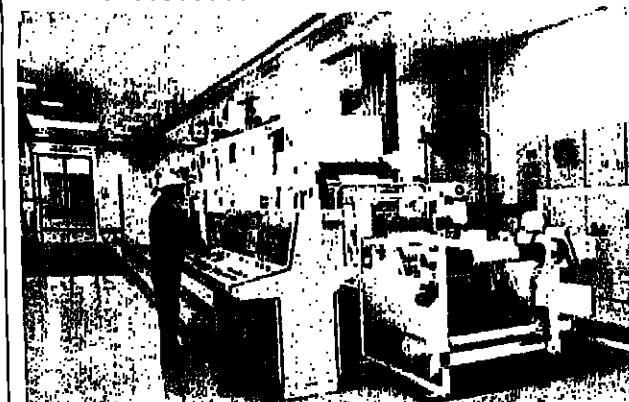
Examples of foil stamping, embossing and die cutting

cartons are foil stamped and probably embossed, too. The cost need not be much higher than ordinary litho printing, and possibly less than four colour work, says Brandtjen & Kluge UK (Unit 3, Meridian Close, Cirencester, Glos GL7 1LT - tel: 0285 640341, fax: 640297).

Using a Kluge press, Armstrong Foil Stamping and Embossing was able to create a jewellery pack for the Caura Jewellery Company, involving foil blocking onto corrugated board. The company was able, by experimenting with different materials, to flatten an area of the pack before foil stamping it. This technique achieved the required result, pleasing both designer and client.

Armstrong used the same Brandtjen & Kluge EHD machine to produce swing tickets for garment point of sale. These were foil stamped and tie-hole punched. According to the converter, the EHD machines are extremely versatile and provide the high impression strength required. Other features are said to be good definition for embossing and accurate register for die cutting.

For further information K10 610 Call for details 0839 772268



The three-unit BHS flexo press at Lawson Mardon Singen

Flexo print repeat is infinitely variable

Lawson Mardon Singen in Germany has installed a three-unit BHS flexo press equipped with infinitely variable print repeat length.

Operating in the company's pharmaceutical packaging production centre, the press is employed on aluminium foil conversion with web widths up to 820mm and is capable of speeds up to 200 metres/min, says BHS (22 Apex Court, Woodlands, Almondsbury, Bristol BS12 4JT - tel: 0454 889961, fax: 0454 880336).

In place of the incremental restraint on repeat lengths imposed by conventional format gears, the BHS system employs a direct drive on the print cylinders, under electronic control. This allows packaging designs suitable for flexo printing, but dimensioned for gravure, to be run.

For further information K10 611 Call for details 0839 772268

Combination carton press

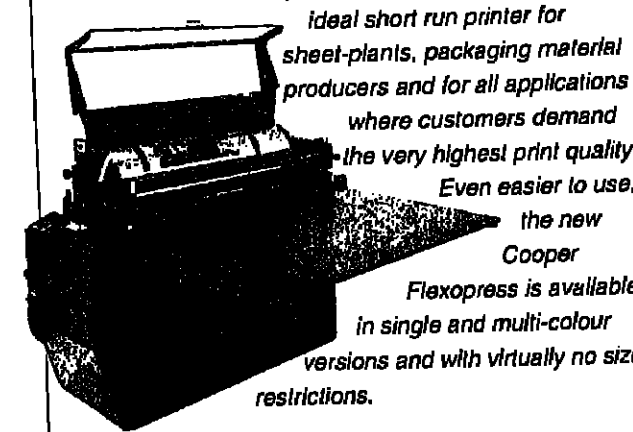
Developed specifically for folding cartons and labels, the Canadian-built RLP Marathon LF-200 has interchangeable

web-offset and flexo printing inserts that can be changed over in minutes without tools. Contact Stanley Press Equipment (Graphic House, Bank Street, Macclesfield, Ches - tel: 0625 429211, fax: 0625 619094).

For further information K10 612 Call for details 0839 772268

The Short Run Printer

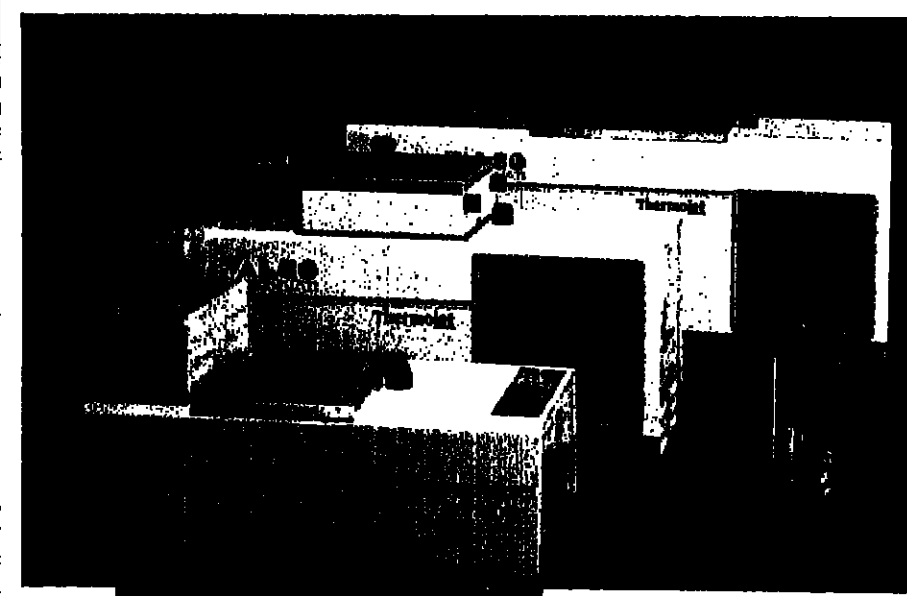
The Cooper Flexopress Series II represents a new generation of sheet-fed flexo printers. Offering superb print quality, the Series II is the ideal short run printer for sheet-plants, packaging material producers and for all applications where customers demand the very highest print quality. Even easier to use, the new Cooper Flexopress is available in single and multi-colour versions and with virtually no size restrictions.



The Cooper Printing Equipment Company Limited

Heathfield Works, Leyton Road, Harpenden, Herts. AL5 2JB
Tel: (0582) 764431 Fax: (0582) 768608

Call on 0839 772268 or enquiry number K10-672



The Alternative — Hot Gluing Solutions With Thermojet

- a range of units modular in construction that use common components
- new heated hose technology
- low level devices
- units for heated protein glue
- engineered for fast, simple and safe operation and maintenance
- standby temperature and all individually controlled temperature zones
- diagnostic and trouble shooting aids
- all electric high speed valves
- ribbon coaters, spray heads and multiple cartridge guns

VALCO CINCINNATI

CASE SEALING • CARTON SEALING • PALLETIZING • HAND GLUING • CAP LINING • PRODUCT ASSEMBLY
Please, present us your adhesive application problem. We offer a complete range of machines that will deliver in any application. Valco has a global network of sales service personnel that are waiting to hear from you now!

Worldwide Sales Network

CORPORATE HEADQUARTERS: Valco Cincinnati, Inc., 411 Circle Freeway Drive, Cincinnati, Ohio 45246 U.S.A., TEL: 513-874-6550 / FAX: 513-874-3612
EUROPEAN HEADQUARTERS: Valco Cincinnati, Ltd., Unit D18, Hurstwood 7, Telford, TF1 4GP United Kingdom, TEL: 44-0952-677911 / FAX: 44-0952-677945
GERMANY: Valco Schürmann, Industriestrasse 25, D-19044 Torgel/Wust, Postfach 127, TEL: 49-5223-185511 / FAX: 49-5223-186699

Call on 0839 772268 or enquiry number K10-687

"My reason for not achieving full production turned out to be a load of rubbish."

Simon Biggs, Managing Director, Baccarat Ltd

A smart production man knows disposing of waste by hand or using outdated plant is not only messy and time consuming. It's also a real cause of low productivity.

Airmat specialise in all forms of air production with handling systems to the converting industry including:

- Air Conveying Systems
- Fully Automatic Baling Presses
- Shredders
- Belt Conveyors
- Dust Control to meet C.O.S.H.H. regulations

Whether you ... have minor updates to an existing system ... are just considering the feasibility of an automated plant ... planning a large greenfield operation ...

We would welcome an opportunity to demonstrate the benefits already being enjoyed by Airmat customers.

Airmat Systems Ltd.

Stanhope House,
457 Kingston Road,
Epsom, Surrey KT19 0DB.
Tel: 081 786 7997
Fax: 081 786 7719



The air and materials handling specialists

Call on 0839 772268 or enquiry number K10-677

Today's industry demands that colour consistency is maintained within very fine degrees of tolerance. This challenge is met by the world leaders in optics and electronics. Minolta have developed the finest range of state-of-the-art spectrophotometers and tristimulus colorimeters in conjunction with user-friendly quality control, colour formulation and customised software solutions placing you in control when it matters, whatever your requirements.

Whether you require the latest hand-held portable or the most advanced bench-top technology, don't wait until the air turns blue - turn to Minolta and guarantee your colour quality everytime. For our latest fact sheets or a face-to-face demonstration ring Tracey Walker on 0908 260400 or alternatively complete the coupon and return it for our immediate attention.

Job Title/Company _____ Address _____

Name _____ Postcode _____ Tel _____ Fax _____

Please send me further information on the following: Spectrophotometers ☐ Colorimeters ☐ Light Meters ☐ Calibration ☐

Please return to Minolta Industrial Instruments Division, Minolta (UK) Ltd, Rookley Park, Prosser Drive, Rookley, Milton Keynes, MK11 3HF

Call on 0839 772268 or enquiry number K10-690

RI4: 0

use,
nd,
pread,
re HP3 9R1D
7555
001
PES
& Ltd.

five
Milton Keynes
14 51.5
1333
98 tes a GIG
11553
e Systems
Sandybed Shops
Crescent,

kshire YO12 5LS
 74915
 151966
 Policing Tapes;
 tapes, Single &
 tapes.
**ELIMINATION &
 EQUIPMENT**

House,
ue, Penthur,
Gwent NP6 1HA.
422292
430041
Office
73461616
the Eliminators Ltd.,
House,
Business

X8 5DP.
 3 706700
 3 776977
 s Printing
 t Ltd.,
 e Road, Brentwood,
 M14 4LL.
 7 214453

Exclusive Distributor,
Ornton Road,
d.,
Worshshire BD1 2LD.
74 391538
74 736195

Air Systems Ltd.,
Unit House, Oakland Road
Water LE2 6AN
0533 448855
0533 448212
Covers, paper & board
Lining, trunn, cutting &
Installation.
Whive Equipment Ltd.,

Boys Business Park,
Love Lane, Stoke New,
Henley-on-Thames,
RG9 5QB
0491 682044
0491 682117
ON CONTROL
MS
Exempt Ltd

ic House,
on Green,
noaks,
r TN14 5HP.
0732 451007
0732 456582
Mr Richard Outley
at Hope Machinery,
Division of Stowe
Edward Ltd.).

field Estate,
brothes,
land KY6 2RG.
0592 772612
c 0592 630016

VIND/REWIND REEL
MS
grip Limited,
e Bunnings,
Luton

Worcestershire GL51 9NJ.
t: 0242 584112
x: 0242 222448
LAMPS
ba Lamps
Canada Close
anbury Oxon OX16 7RT
t: 01295 272666
x: 01295 272611
e: info@lamps.co.uk

Cert No. FM28564
 Ultramar UV Technology Ltd,
 SI Registered Firm -
 Certificate NO FM 22114
 ISS5750 - Part II
 53 Deal Avenue - Trading
 Estate
 Slough,
 Berkshire, SL1 4SH.

Fax: 0753 811678
Contact: Keith Lane,
WALLETS WELDED PVC
IFW Plastics Limited,
Albany Road,
Gateshead,
Tyne & Wear, NE8 3AT.
Tel: 091-477 6519
E-mail: enq@wwpvc.co.uk

1000

WASTE EXTRACTION SYSTEMS

Air Plans Ltd.,
205 Ashton Road,
Leicester
Tel: 0533 833581
Fax: 0533 833311

Hallifax Air Systems Ltd.,
Kingston Grange
Horswood Lane, Halifax,
West Yorkshire HX1 4EX
Tel: 01274 367421
Fax: 01274 321922

Standard & purpose built trim
& waste removal systems for
converting & packaging
industry.

Longhurst Bros.,
Conwall House,
Station Approach,
Princes Risborough,
Aylesbury,
Bucks. HP17 9JN
Tel: 0494 44 2671
Fax: 0494 44 7987

WEB ACCUMULATORS & TURNER BARS

Eberglip Limited,
The Runnings,
Cheltenham, Glos. GL51 9NJ
Tel: 0242 222448
Fax: 0242 222448

WEB GUIDING & VIEWING EQUIPMENT

BST (UK) Limited
Unit 5, The Regents Court,
Far Moor Lane,
Winyates Green,
Redditch, Worcs.
B98 0ST
Tel: 0527 517375
Fax: 0527 517376
Contact: John Weston

WEB INSPECTION MACHINES

Alan Duffy Engineering Ltd.,
Navigation Mill, Forest St.,
Blackburn, Lancs. BB1 3BB
Tel: 0551 479023
Fax: 0551 479023
Contact: John Weston

WEB INSPECTION MACHINES

WPP-INSPECTION
Guardline Ltd.,
5 Frogmore Road,
Hemel Hempstead,
Herts. HP1 9JL
Tel: 0442 230922/230725
Fax: 0442 251078
Non Limiting WPP
For Hygienic removal of
contaminants from
converting/printing
machinery & rollers

MACHINERY

14 Limited Way, Croydon,
Surrey CR9 3JL
Tel: 01889 440000
Fax: 01889 440000
Contact: John Weston

ADHESIVE APPLICATION AND CONTROL

C.P.E. Application Systems
Ltd.,
Bay 1, Ground Floor,
Goyt Mill,
Hibbert Lane,
Marple,
Stockport SK6 7JX
Tel: 061 449 7002
Fax: 061 449 7959
Contact: John H. Hudson
Hot Melt & Cold Adhesive
Equipment & Systems.

ADHESIVE SYSTEMS

Valco Cincinnati,
Unit D8, Road 7,
Hortonwood Ind. Est.,
Telford, Shropshire TF1 4GP.
Tel: 0952 677911
Fax: 0952 677945
Contact: Mr Bob Taylor

ADHESIVE SYSTEMS

Merced Adhesive Systems Ltd.,
Wardlaw Street,
Rochdale OL6 5NX
Tel: 0706 861777
Fax: 0706 869123
Contact: Greg Taverer
Hot Melt Adhesive Systems
Cold Glue Applicators,
Coater Laminators, Special
Purpose Machines.

AUTOMATIC COUNTING AND PACKAGING SYSTEMS

Podmore (Engineers) Ltd
Winton House,
Stoke Road,
Stoke-on-Trent,
Staffs. ST4 3JL
Tel: 0782 45361
Fax: 0782 45361

AUTO SIDE & BOTTOM LOADING PACKAGING MACHINES

Cermex UK Ltd.,
103 Box 12, Huntington,
Cambs. PE18 6EF
Tel: 0480 455919
Fax: 0480 451520

BARCODE EQUIPMENT

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BAG FILLING & CLOSING MACHINES

Petrol & Company,
51 The Mall,
London W5 3TA
Tel: 081-567 9120
Fax: 081-567 9120
Contact: Nick Petrol
PAWEMA bag and reel-fed
machines for powders and
granules

BAG FILLING & SEALING MACHINES

Soudal Ltd.,
Unit 5, Enterprise House,
Ashby Road,
Coventry, Leics. LE6 2LA.
Tel: 0530 510502
Fax: 0530 510970

BAG LOADING MACHINERY

Norpak Sales Ltd.,
3 Miter Court,
Cauler Heights Lane,
Bradford,
BD4 9JY
Tel: 0274 681022
Fax: 0274 680318

BAG LOADING MACHINERY

The well proven NORPAK
semi-automatic range,
Petrol & Company,
51 The Mall,
London W5 3TA
Tel: 081-567 9120
Fax: 081-567 9120
Contact: Nick Petrol
PAWEMA bag and reel-fed
machines for piece products
and sack filling

BAG LOADING MACHINERY

Map 80 Systems Ltd.,
Unit 3, Kestrel Business Park,
Ivanhoe Road,
Fleochampstead, Wokingham,
Berks. RG11 4QQ
Tel: 0274 731800
Fax: 0274 731900

BAG LOADING MACHINERY

Labelling software / printers,
hazard labelling, barcodes,
readers, applications,
specialised labels &
consumables.

BAG LOADING MACHINERY

Weylins Labelling Systems
Longback Road,
Marple,
Redcar,
Cleveland,
TS11 6HL
Tel: 0642 490121
Fax: 0642 490385
Manufacturers and
National distributors of
Label Overprinters and Label
Applicators

BAG LOADING MACHINERY

Valco Cincinnati,
Unit D8, Road 7,
Hortonwood Ind. Est.,
Telford, Shropshire TF1 4GP.
Tel: 0952 677911
Fax: 0952 677945
Contact: Mr Bob Taylor

BAG LOADING MACHINERY

Valco Cincinnati,
Unit D8, Road 7,
Hortonwood Ind. Est.,
Telford, Shropshire TF1 4GP.
Tel: 0952 677911
Fax: 0952 677945
Contact: Mr Bob Taylor

BAG LOADING MACHINERY

Valco Cincinnati,
Unit D8, Road 7,
Hortonwood Ind. Est.,
Telford, Shropshire TF1 4GP.
Tel: 0952 677911
Fax: 0952 677945
Contact: Mr Bob Taylor

BOWLING FEEDERS

Podmore (Engineers) Ltd
Winton House,
Stoke Road,
Stoke-on-Trent,
Staffs. ST4 3JL
Tel: 0782 45361
Fax: 0782 45361

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Podmore (Engineers) Ltd
Winton House,
Stoke Road,
Stoke-on-Trent,
Staffs. ST4 3JL
Tel: 0782 45361
Fax: 0782 45361

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Podmore (Engineers) Ltd
Winton House,
Stoke Road,
Stoke-on-Trent,
Staffs. ST4 3JL
Tel: 0782 45361
Fax: 0782 45361

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Podmore (Engineers) Ltd
Winton House,
Stoke Road,
Stoke-on-Trent,
Staffs. ST4 3JL
Tel: 0782 45361
Fax: 0782 45361

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Podmore (Engineers) Ltd
Winton House,
Stoke Road,
Stoke-on-Trent,
Staffs. ST4 3JL
Tel: 0782 45361
Fax: 0782 45361

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 751100
Fax: 0206 751206
Printers, Readers, Verifiers.

BOWLING FEEDERS

Codeway Ltd.,
Cocksway House,
Telford Way,
Colchester, Essex CO1 4JP.
Tel: 0206 7

Packaging Machines & Films

14 Linnell Way,
Telford Way Industrial Estate,
Kettering,
Northants, NN16 8PS

Tel: (0538) 610910
Fax: (0538) 410588
Telex: 342278

QUICKPACK
SHRINKWRAPPING
SYSTEMS
FEATURING
UNIQUE CHAMBER
SEAL & SHRINK
OPERATION

BABYPACK
QUICKPACK
MAXIPACK
MEGAPACK
SUPER MEGAPACK

ALSO MACHINES FOR

VACUUM PACKAGING
SKIN PACKAGING
SLEEVE WRAPPING
MAGAZINE WRAPPING
PALLET STRETCH
WRAPPING
CONTACT: DANI COHEN



ABL PERPACK
(1985) LTD
14 Linnell Way
Telford Way Industrial Estate
Kettering
Northants, NN16 8PS
Tel: (0538) 412744
Fax: (0538) 412752

PROPACK PVC
SHRINKFILMS
INDUSTRIAL &
FOOD
GRADES FROM
STOCK

PROPACK BCS
POLYOLEFIN
SHRINKFILM
FROM STOCK

SKIN PACKAGING
FILMS:
EPACK
EPACK AD
SKINPACK P.E.
PALLET STRETCH
FILMS
(LDPE CAST
CO-EXTRUDED)

CONTACT: TONY BELSHAW

Plastic Coils Limited
Wentworth Works,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725
Contact: Carol and Kelvin
12250 recycled and non-recycled
plastic.

Arise Tooling & Moulding Co. Ltd.
Buckhill Drive,
Warrington Ind. Est., Warrington
Tel: 0925 744466
Fax: 0925 744475
Eurosprung Limited
Roc Road Mill
Roc Common Road
Maidhead, West Berkshire
W14 0LR
Tel: 01234 496272
Fax: 01234 496273
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

POLYTHENE BUILDING FILM
Vulcan Polythene Products Ltd.
Vulcan House, Business Park,
Canby Avenue,
Canby Avenue,
Barnhampton, WY1 0JJ
Tel: 01234 496272
Fax: 01234 496273

POLYTHENE COATING,
LUMINATION & SLITTING
Avalon Plastics Ltd.
Unit 10, New Wharf,
Brighton Road,
St. Albans, Herts. SG8 1JL
Tel: 0763 241501
Fax: 0763 241502

POLYTHENE LAYFLAT TUBE
Sussan Polythene Limited,
Crawley, West Sussex
Unit 3, New Wharf,
Brighton Road,
St. Albans, Herts. SG8 1JL
Tel: 0763 241501
Fax: 0763 241502

PVC SHRINK SLEEVES
Smeeth Precision Labeling,
Printing House,
Bridge Street, Wakefield,
West Yorkshire WF1 5JP
Tel: 01924 361911
Fax: 01924 361912

REINFORCED POLYETHYLENE
FILMS
Unit 3, New Wharf,
Brighton Road,
St. Albans, Herts. SG8 1JL
Tel: 0763 241501
Fax: 0763 241502

INDUSTRIAL TEXTILES & PLASTICS
Precision Film, Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725
Wide range of industrial polyethylene
films to suit any requirement.

RAYON STRAPPING
Tychard Ltd.
Unit 11, Marino Way,
Highwood Lane Ind. Est.,
Highwood Lane,
Berkshire RG11 4RT
Tel: 0734 731818
Fax: 0734 731819

SELF ADHESIVE MATERIALS
Magnum Materials Ltd.
The Self Adhesive Centre,
Globe Ind. Est.,
Dukinfield,
Cheshire SK16 4UG
Tel: 061-343 1131
Fax: 061-343 1132

SELF ADHESIVE PRINTED
TAPES
Imprint Tapes Ltd.,
Bond House,
9, George Street, Huntingdon,
Cambs. PE18 6BD
Tel: 0454 499461
Fax: 0454 499462

SHRINKFILM POLYOLEFIN
ADPAK
MANUFACTURERS AND SUPPLIERS OF WRAPPING
AND END-USE PACKAGING EQUIPMENT
No. 1 for
All Shrink Films
Shrinkwrapping Machinery
Flowwrapping Machinery
Stockists of
CRYOVAC
Shrink Films
Tel: 01282 619200
Fax: 01282 612201

CRYOVAC
GRACE POLYMER
POLYOLEFIN
SHRINK FILMS
Cryovac W.R. Grace Ltd.,
Northdale House,
North Circular Road,
London NW10 7UH
Tel: 081 955 0811
Fax: 081 961 6480

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

Amalgamated Kemper Group
Authorized Distributors of
CRYOVAC
SHRINK FILMS
1985/86 Distributors:
Surrey: 0181 955 0811
London: 0181 961 6480
Contact: Mr J. Price
Supplying the plastics,
injection and paper industries.

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SHRINK FILM POLYTHENE
Adapt Packaging Co. Ltd.
32-34 Church Lane,
Huddersfield, WY1 3SA
Tel: 01422 410724
Fax: 01422 410725

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

SORETRAC
Distributors & Stockists of
NOVOTERM
PVC SHRINK FILM

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

Manchester Print Ltd.
Dunlop Road,
Manchester M22 4NF
Tel: 061-998 0311
Fax: 061-998 1388

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

TAPES SELF-ADHESIVE
3M UK Ltd.,
3M House,
1, The Quadrant,
London W1 1LH
Tel: 01-235 1111
Fax: 01-235 1111

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

ALUMINIUM CAN RECYCLING
Man Recycling,
King George Road,
Warrington, Cheshire WA1 1NP
Tel: 0925 35314
Fax: 0925 412118

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Gadpack Limited
Meadow Farm Buildings,
Bradden Lane,
Gadcliffe Road,
Hemel Hempstead,
Herts HP2 6JB
Tel: 0582 842435
Fax: 0582 842435

Avonvale Packaging Ltd.
The Mill Works,
Kings Cough, Alcester,
Warwickshire B49 5QG
Tel: 0789 400360
Fax: 0789 400360

Avonvale Packaging Ltd.
The Mill Works,
Kings Cough, Alcester,
Warwickshire B49 5QG
Tel: 0789 400360
Fax: 0789 400360

Avonvale Packaging Ltd.
The Mill Works,
Kings Cough, Alcester,
Warwickshire B49 5QG
Tel: 0789 400360
Fax: 0789 400360

Avonvale Packaging Ltd.
The Mill Works,
Kings Cough, Alcester,
Warwickshire B49 5QG
Tel: 0789 400360
Fax: 0789 400360

Avonvale Packaging Ltd.
The Mill Works,
Kings Cough, Alcester,
Warwickshire B49 5QG
Tel: 0789 400360
Fax: 0789 400360

Avonvale Packaging Ltd.
The Mill Works,
Kings Cough, Alcester,
Warwickshire B49 5QG
Tel: 0789 400360
Fax: 0

SCREEN PRINTING PLASTIC BOTTLES

RPC Containers Ltd.
(Registered Office)
Grave Street,
Runcorn,
Merseyside,
CH6 1JL
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

Leading supplier of rigid
plastic packaging from 250ml
to 30 litre in wide range of
materials. BS 5750 Approved.

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

RPC Containers Ltd.,
Runcorn
Tel: 0293 623411
Fax: 0293 623126
Tlx: 311997

Classified

Machinery — Materials
Products — Services

Welcome
TO THE BACK
PAGES
WITH WORDSWORTH CASH

Contract Packing Services

FFS FORM
FILL
SEAL
CONTRACT FLOW WRAPPING SPECIALISTS

MULTIPACKS / SINGLE PIECE
CONFECTIONERY / HARDWARE
PHARMACEUTICALS / FOOD INDUSTRY
CUTLERY / STATIONERY
SERVICE - RELIABILITY - QUALITY

FORM FILL SEAL LIMITED
17 NEWMAN LANE, ALTON, HANTS GU34 2GP
TEL: 0420 83446 FAX: 0420 88813

**COMPETITIVE RATES FOR DRY
POWDER BLENDING/PACKING**

FAST AND EFFICIENT TURN AROUND OF
BOTH INDUSTRIAL AND FOOD PRODUCTS.
OWN LABEL SERVICE AVAILABLE.

Richard Whitaker Limited, Unit 28,
Transpennine Trade Estate,
Gorrells Way, Rochdale, Lancs, OL11 2QR
0705 341700 Fax: (0705) 341357

VENEX Venex Technical Developments
25-26 Burners Lane, Kite Farm, Milton Keynes MK11 3JH
Telephone: (0908) 263222 Telex: (0908) 506119

The Contract liquid filling specialists

- Full blending, mixing and bottling service
- 50ml to 200 litre containers
- Flammable liquids
- Short runs and rapid turnaround

Contact: David Kavanagh - Sales Director

ELLENBURG SERVICES LIMITED
Blister Packing, Skin Packing, Hand Packing and
Assembly, Labelling, Bagging, Carton Manufacture
and Suppliers.
MARCON HOUSE, UNIT 2, WYTHY INDUSTRIAL ESTATE,
KIRKSTALL, LEEDS LS8 3BT
TEL: 0532 307971 FAX: 0532 789375

Deadline COLLATION SERVICES
Computerized Database with
Collection/Conversion/Call-off facilities
• Hand Assembly Work • Collating •
• Inserting • Mailshot • Despatch •

UNIT 4, PORTLAND STREET SOUTH
ABSTON-UNDER-LYNE, LANCs, OL6 7BX
Tel: 081 343 1092 Fax: 081 343 6533

CLASSIFIED
081 242 3156

Minster Packaging Services
Contract Packers — Hand
packing & Assembly Labelling —
Blister and Skin Packing — PVC
Sleeving — Shrink Wrapping
and L Sealing — Overwrapping —
— Mailing Service
Contact: Andrew Stout
Phone 0202 813800
Fax: 0202 813739
Unit 301, Woodbridge Ind Park
Three Legged Cross,
Nr Wymborne, Dorset BH21 8SP

SMITHS PACKAGING LIMITED
Contract Packers & Manufacturers
Shampoos Gels Talc
Creams & Lotions
Liquid & Powder Blending
Tube Filling, Sachets
Blister Packing, Flow Wrapping
— Mailing Service
Bardon Trading Estate,
Oakington Road, Bardon, Hants
GU35 9HH
Tel: Bardon (0420) 473737
Fax: (0420) 489764

Wrapid
CARDS - CALENDARS - POSTERS -
PROMOTIONS - CANS - CARTONS

Shrinkwrapping - Polybagging - Multipacking - Flowpacking -
Collating - Inserting - Mailing - Stationery - Hand Work - Assembly

Wrapid Contract Services Ltd
Avelley Park Ind. Est. Chaddock Lane
Avelley, Nr. Macclesfield M28 7JT
Contact Tony or Irene on-
Telephone: 0942 894132
Fax: 0942 894983

**your contract
packing partner**

Powders, Liquids and Tablets in any type of pack

- MAINSTREAM PRODUCTION
- NEW PRODUCT LAUNCHES
- SHORT RUNS
- RAPID RESPONSE

LOCKNER PENTAPACK
Ring David Gale on
0685 841144 or Fax 841107

STARPAK
INTERNATIONAL LTD
SPECIALIST CONTRACT PACKER

- ORDER PICK & PACK • HAND ASSEMBLY • SHRINKWRAPPING
- WAREHOUSING 15,000 SQ. FT. • WORLDWIDE DISTRIBUTION

UNIT 4, SUTTON PARK, BIRMINGHAM, ENGLAND, B28 7NN
TEL: 0228 887711 (ext 218) FAX: 0228 258877
Contact: Les Waterfield

AUGER GRIMSHAW LANE - MIDDLETON
MANCHESTER - M24 2AL

CONTRACT PACKERS OF ALL POWDER LIQUIDS & EPOXY PUTTIES

Soap - talcum powder - Bath Foam -
Shampoo - Crystals
Powder bleach - Chlorination powder - Biological inoculants
High density pastes
IN STRICT SEGREGATED AREAS
Any form of package
Quality control assurance

Contact: Lester Wordsworth
Tel: 061-653 9006 Fax: 061-653 2613

ISHIDA MULTI HEAD
WEIGHING SYSTEMS

HIGH SPEED CONTRACT PACKERS
CONFECTIONERY - NUTS - SNACKS ETC.

We can provide:
PLAIN FILMS NO CHARGE
PRINTED FILMS - SHORT NOTICE

TEL: 0533 734490 FAX: 0533 735258

Adams
"THE COMPLETE PACKAGE"
LIQUID AND POWDER MANUFACTURE,
BLOW MOULDING, FILLING AND PACKING OF
BOTTLES, CANS AND SACHETS

A. E. ADAMS (RENTON) LTD, UNIT 4, MACLEARY INDUSTRIAL ESTATE,
SMALL HOLE, RENTON, CHESHIRE, SK10 4BQ
TELEPHONE (0753) 498888 FAX (0753) 491088 TELEX 87000

Kwik-Fill Limited
Kelvin Way, West Bromwich,
West Midlands B70 7LH

**FOR ALL YOUR
FILLING NEEDS**
5 ml to 5 litres
Liquids-Gels-Granules
Tube Filling,
Screen Printing-Labeling
Short runs-Medium Runs-Long runs.
Phone/Fax: 021 553 0433

"THE LABELLING CO"
Offers it's services in
Speciality Contract
Labelling & Label
Overprinting
Fax or 'Phone in
First Instance
0223 290079

Gravelley
PACKAGING

- 4 sided sachets
- VFFS sachets
- Automatic
cartoning
- LIQUIDS
- POWDERS
- GRANULES
- FOOD AND NON-FOOD
- WITH STRICT SEGREGATION THROUGHOUT

Gravelley Packing Ltd, Hostmoor Avenue,
March, Cambs. PE15 0EX
Tel: (0354) 660400 Fax: (0354) 661270

PACKWELL D & S LTD
CONTRACT PACKERS

Hand Assembly & Collating, Shrinkwrapping, Blister Packing,
Cellowrapping, Sleeve Wrapping, Food Packing, Liquid Filling, Printed
Carton Suppliers, Warehousing (15,000 Sq. Ft.)

UK Distribution & Order Picking
Unit 4 Chesham Business Park, Chesham, Ely, Cambs.
Tel: (0353) 666399 Fax: (0353) 666390

Ford Smith & Co. Ltd.
Felixstowe Road, Abbey Wood, London, SE28 8SD
Telephone 081-310 8127 Fax 081-310 8983

Chemicals - manufacture, formulating, blending from pilot
scale to 25000 litres. Contract packing-sachets
(Inc. water-soluble) and all sizes of bottles, drums, and cartons.
Flow-wrapping of sachets and other goods.

ERN
CONTRACT PACKER
NUTS, DRIED FRUITS, SNACKS
GRAINS, SWEETS ETC
COMPETITIVE RATES
TELEPHONE: 081 785 1281
FAX: 081 785 1283

HURST PACKAGING SERVICES
• Blister Packing • Skin Packing •
• Shrinkwrapping •
• Hand Assembly • Bagging •
Hurst Packaging Services
Unit 6, Crownhill Centre, Shipley
Wharfedale, Wetherby, Wetherby, Wetherby
• 0378 520542
Fax: 0378 501787

**Thermoformed
Packaging Systems**

UNIT PACKAGING
Tel: (0227) 263860 Fax: (0227) 770782

THERMOFORMED PACKAGING AND DISPLAY WORK

SLIDE BLISTERS POINT OF SALE DISPLAYS
HEAT SEAL BLISTERS PRODUCT HANDLING TRAYS
H.F. WELDED BLISTERS CARTON INSERTS
CLAMSHLL BLISTERS INDUSTRIAL FORMINGS

BLISTER AND SKIN PACKING
A COMPLETE DESIGN & MANUFACTURING SERVICE FOR
PHARMACEUTICALS-COSMETICS & TOILETRIES
TOYS & GAMES-STATIONERY-FOOD INDUSTRY
HAND TOOLS & DIY-ELECTRICAL ETC.

Suffolk Street, Whitstable, Kent CT8 4RZ

Masterpack DSK Ltd.

Part of the MDM
Organisation
301-311 Rainham Road South
Dagenham,
Essex. RM10 8JH
Sales Tel: 0181 595 4145
Sales Fax: 0181 595 4500
Specialists in all contract
packing, warehousing,
distribution and vacuum
forming.

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997

Masterpack DSK Ltd.,
Dagenham
Tel: 0181 595 4145
Fax: 0181 595 4500
Tlx: 311997</

Materials, Containers & Closures - For Sale

MULTIWALL PAPER SACKS — 20 SIZES AVAILABLE

ALSO MADE TO ORDER, PLASTIC HANDLES FOR
PREPACK PLAIN AND 6 COLOUR PRINTING

2 PLY	23" x 29" x 39"	2/3 PLY	16 1/2" x 3" x 35"
	16" x 25" x 39"	3/4 PLY	18" x 22" x 36"
	16" x 25" x 33"		21" x 4" x 40 1/2"
	13" x 17" x 18"		21" x 4" x 48"
	10" x 15" x 20"		
	11" x 4" x 24"		
	13" x 17" x 28"		

POLYTHENE REFUSE SACKS
BIN LINERS, PLAIN BAGS, TUBING
SHEETING, SELF SEAL BAG

Made from high quality kraft paper
G.P.P. LTD., ROMFORD

☎ (0708) 725911 Tlx: 8951426

Fax: (0708) 728677

NORTH HAMPSHIRE PURCHASING SERVICES

Try our prices, whether buying or selling. Good stocks of
Bottles, Caps, Pumps, Triggers available. If we haven't got it,
we'll try to find it. We specialise in Packaging Components for
Perfume, Trolley, Pharmaceutical and Food Industries.

Give us a call on 0256 486178

Fax: 0256 818333

NORTH HAMPSHIRE PURCHASING SERVICES
148D Pack Lane, Kempshott,
Basingstoke, Hants, RG22 5HN

IF YOU NEED PLASTIC JARS OR BOTTLES WE'VE GOT LOTS

HPL CONTAINERS LTD.
Netherley, Liverpool L27 2TB
TEL: 051-487 3353
FAX: 051-487 3123

PACKAGING LTD.

MAKERS OF BOXES
AND CONTAINERS

CORREX
PLASTIC CORRUGATED BOARD

Appt House
48-50 St James Road
Aughton, Liverpool L21 1JG
Tel: 051-487 3123
Fax: 051-487 3123

POLYTHENE AND GENERAL PACKAGING HIGH QUALITY - RAPID DELIVERY

MANUFACTURERS OF:
End/Side Weld Bags
Carrier Bags
Furniture Covers
Photographic Bags
Envelope Bags
Tubing & Sleeving

STOCKISTS OF:
Self-Seal Bag
Bubble Film
Postal Tubes
Corrugated Boxes
Heat Sealers
Stretchwrap Film

POLYTHENE PRODUCTS AVAILABLE PLAIN OR PRINTED
OVER 10 MILLION BAGS IN 300 SIZES IN STOCK
TEL: 081 504 9151 FAX: 081 506 1892
Buckhurst Hill, Essex IG9 5TU

CLASSIFIEDS 081-242 3156

FOR SALE SHREDDER -

Paper Ideal for packing
For further details
Ring 0742 450746

Cellulose Film Bags Polypropylene Bags Window Bags ex-stock

NORMAN KNIGHTS LTD
Unit 2, Russell Court,
Russell Gardens, Wickford,
Essex.
Tel: (0268) 733722

ALUMINIUM BOTTLES and U.N. Approved Cartons

All types available
from the specialist
suppliers.
Lofit Limited
Silverdale Road
Hayes Middx
UB3 3BE
Tel: 081-848 4061
Fax: 081-561 7009

APCL ADEPT PACKAGING COMPANY LIMITED

EST 20 YRS
MANUFACTURERS OF:

- POLYTHENE BAGS
- SHRINK FILM
- LAYFLAT TUBING CLEAR OR COLOURED

WE CAN PRODUCE OUR PRODUCTS USING
RECLAIMED OR BIO-DEGRADABLES

WICKETTED & PRINTED BAGS
OUR SPECIALITY!!

78-82 NIGHTINGALE GROVE, HITHER GREEN, LONDON SE13
TEL: 081-418 7111 FAX: 081-418 7120

Materials, Containers & Closures - Wanted

WANTED

NEW AND REDUNDANT
STOCKS OF CELLULOSE AND
POLYPROPYLENE FILMS, ALSO
PAPER AND PACKAGING
MATERIALS

REALISTIC OFFERS
COOPERS PAPER
081-500 7688
ALSO FILMS SUPPLIED

Printed & Unprinted Wood Paper,
Cellulose, Polypropylene,
Paper-backed Film, Foil
Based, PVC, Clingfilm & Bags
Samples with details
UNITED SUPPLIERS CO. LTD
18 Broadwick Street, London W1
Tel: 071-437 1701/2

We are cash buyers of all types of
surplus Packaging Materials, Bags,
Bottles, Caps, Cartons, Paper, etc.

HARRISON SMITH
(London) Ltd
46 Chamber Street, London E1 8BL
Telephone: 071-486 3065

AN ADVERTISEMENT
OF THIS SIZE CAN COST
AS LITTLE AS
£45.00.
CALL JACKIE SKEEL
ON 081-242 3156
TO BOOK NOW

WANTED

**LDPE & HDPE FILM SCRAP AND
REDUNDANT STOCKS OF ROLLS,
BAGS, SACKS ETC**

We are a major reputable manufacturing company requiring
extra supplies of scrap as the raw material to meet increased
demand for our products. We can offer the very best prices
together with a reliable collection service and guaranteed
payment.

Please call Bob Eady
☎ 0453 751471 Fax: 0453 752843
PCL RECYCLING LIMITED

WANTED

CARTONS & PALLETS

We are cash buyers of most sizes of cartons and wooden pallets
40 x 48 Euro's etc.
OFFER US YOUR MATERIALS
BEAKE CARTONS
TEL: 0272 810770 FAX: 0272 872422

WANTED

**RIGID PVC
VAC FORMING WASTE**

Regular Collections Tailored to your Requirements
Prompt Payment

moore bros
(FROME) LIMITED
Manor Road, Marston Industrial Estate,
Frome, Somerset BA11 4BQ
Tel: (0373) 462814 Fax: (0373) 451238

Packaging and Converting Machinery for Sale

REBUILT SAXON 5 MOBILE HEAT SEALER FOR SALE

For SALES, SERVICE and SPARES
of all SAXON equipment in EAST ANGLIA
Contact: DAVID SKIPPER
TEL/FAX: Gt. Yarmouth (0493) 731752



S.P.C.
international

ALL TYPES OF PHARMACEUTICAL MACHINERY Highest Quality Equipment

Buy / Sell / Rebuild

HEAD OFFICE: Chantry House West Drayton Road, Hillingdon, Middlesex UB8 3LQ England
Contact: Richard Clayton, (Manager) Tel: +44 (0) 895 422438 Fax: +44 (0) 895 422442

VERTICAL FOHM FILL & SEAL

SECONDHAND OR REBUILT TO
ORDER V.F.F.S.
MACHINES ALWAYS IN STOCK
FOR SALE OR HIRE.
EXPERIENCED PACKAGING
SERVICE ENGINEERS
ALWAYS AVAILABLE
TEL: 0831 443668
FAX: 0923 240073
MJS
PACKAGING
SERVICES

FOR SALE TUBE FILLS IWKA TF 24

format parts for 19mm aly tube, "Cash & Carry" price, £ 7,000 +VAT
ARENCO GAS
NF Sealing for Laminate Tubes Re-built "Ground up" £27,000 + VAT
Packaging News, Box No. 2236, Maclean Hunter House,
Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU

FOR SALE

Doughboy Packaging
Machine model B-450.
Contact: Kevin Mecham
0952 292360

REWINDING FACILITIES FOR RETAIL PACKS

Core or Coreless
Rollwrapped and Labelled
COBLEN SUPPLIES
Tel: 081 735 1313
Fax: 081 745 9027

FOR SALE

SANDIACRE TG1, Fully Reconditioned by specialist firm.
Less than 4 hours work.
PEC Reg., Volumetric, machine can be put under weighers.
Bag size -160mm x 250mm.
First offer only £7,000, secures
Tel: 0602 868806 (Sarah)

CARMICHAEL Engineering Limited

Packaging Machinery Engineers
Burkitt Road, Earlstree Ind. Est.,
Corby, Northants. NN17 4DT.
Tel: 0536 261431 Fax: 0536 201477



Sole Authorised UK
Company for
C.A.M. Packaging
Machinery After Sales

NEW AND SECOND HAND PACKAGING MACHINES FOR SALE

Always in stock a comprehensive range of
new and secondhand Cartoners, Stretch
banders, Shrink units, all at competitive
prices.
We also provide a complete range of services
including: machine overhauls, modifications,
genuine CAM spares, additional change
parts, service visits, technical support.

USED EQUIPMENT FOR SALE

LANGGUTH E20 L160 WRAPAROUND
LABELLER.
KALIX DUPUY K280 Single head piston
cream filler.
POMMERS vibratory cap sorter NEW.
DICO CAPER single head with pin disc
cap sorter.
SWISS VAC type SYST single chamber
bag sealer & pump.
GREENPLANT STAINLESS LTD
TEL: 0254 872287
FAX: 0254 385740

FOR SALE

Rose Forgrove RF520
Stainless Steel Cartoner.
Tuck closure (can convert to glue)
6" Pitch left/lead & coder
included.
Condition as new
Rose Forgrove RF350
Flow wrapper.
Fully reconditioned.
Excellent condition.
Flow wrappers bought & sold.
Tel: 0850 132411

INTERNATIONAL

INTERNATIONAL MACHINERY INC.
BUYERS/SUPPLIERS OF NEW AND USED
PRINTING AND CONVERTING MACHINERY
AND ASSOCIATED EQUIPMENT

UK Office:
Unit 2, Stratford Ind. Est.
Alfreton Lane, Dordworth,
Barnsley S76 3EJ
TEL: 0228 731418
FAX: 0228 731428

USA Office:
4786 Caversham Way
Alpharetta (Atlanta)
Georgia, 30022
TEL: (1) 404 442 9264
FAX: (1) 404 684 0452

WESTFIELD PACKAGING SERVICES

SUPPLIERS OF NEW AND QUALITY
RECONDITIONED SHRINKWRAP EQUIPMENT.
USED MACHINERY ALWAYS WANTED.

TEL: 0532 363130 FAX: 0532 363132

NORMEC

REFURBISHED SHRINKWRAP EQUIPMENT
SEMI & FULLY AUTOMATIC LINES SOLD
APPROXIMATELY HALF PRICE NEW.

Agents for Adpak new shrinkwrap equipment
☎ (0532) 310344 Fax: (0532) 310857
EQUIPMENT ALWAYS WANTED

Looking for a career move?

24 HOURS A DAY
7 DAYS A WEEK!

JOBS FAX LINE

For the very latest details of vacancies in print and packaging whether
management, production and technical or sales you can be sure you
are up to date with the Packaging News Jobs Fax Line. Just call the
appropriate number below from a fax machine and you will receive a
fax back of the latest vacancies.

MANAGEMENT

0839 111 771

PRODUCTION & TECHNICAL

0839 111 772

SALES

0839 111 773

Calls cost 39p a minute cheap rate and 49p a minute at all other times

**PACKAGING
NEWS**

IF IN
DIFFICULTY CALL OUR
LIVE HELPLINE ON 0442 236 008
DURING NORMAL WORKING
HOURS



Present, Post, Protect or Pack it with-

BRAYTHORN

Packaging & Mailing TUBES, BAGS, ENVELOPES

Ring, write or fax for full details.
BRAYTHORN PLC
Phillips Street, Aston,
Birmingham B6 4PT
PHONE: 021 359 8800 FAX: 021 359 8412

DO YOU BUY VARIGAUGE POLYTHENE FILM?

If so contact:
STOREPAR
The Specialists
We supply 25 kgs. and
upwards - full range of colours
Contact:
STOREPAR
TEL: 0253 899371
FAX: 0253 899313

Varnishing

J & P PRINT SERVICES LTD
(Finest Independent Board Coaters)
HEAT-SEAL / BLISTER PACK
SURLYN® - SKIN PACK
COATINGS
DIE-CUT NONE SEALING
CARDS RECOATED
"FOR THE BEST POSSIBLE SERVICE"
CALL (01444 241687)
FAX (01444 238039)

Security Tags

From monitoring
goods in
transit,
to controlling
high security
environments,
Jet Press
provide the
right product,
cost
effectively and
from stock.

JET PRESS

JET PRESS SALES LIMITED
NUNN CLOSE
HUTHWAITE
NOTTINGHAMSHIRE
NG37 2HW
TELEPHONE 0823-551-800
FAX 0823-551-176

progressive

**BLISTER, SKIN PACK
& CARTON PRINTING**
QUALITY
SERVICE
PRICE
WE WILL PROVIDE A SOLUTION
TO YOUR PROBLEM
UNIT 74, RUTHERGOLD CLOSE,
EASTWOOD INDUS. ESTATE,
SOUTHEND-ON-SEA,
ESSEX S59 6LD
Tel: (01201) 520636, Fax: (01201) 420273

CLIFTON PACKAGING LTD

FLEXO PRINTERS & BAG MAKERS
CELLO - POLYPROP - LAMINATES
PLAIN OR PRINTED
• FILM ON THE REEL
• FLAT OR GUSSETED BAGS
• VACUUM POUCHES
Unit 18 Eltham St. Leicester LE5 4JE
TEL: 0533 734490
FAX: 0533 735258

24 HOURS A DAY 7 DAYS A WEEK!

For the very latest details of vacancies in packaging whether, management,
production and technical or sales, you can be sure you are up to date with the
Packaging News Jobs Fax Line. Just call the appropriate number below
from a fax machine and you will receive a fax back of the latest vacancies.
MANAGEMENT 0839 111 771 SALES 0839 111 773
PRODUCTION & TECHNICAL 0839 111 772
Calls cost 39p a minute cheap rate and 49p a minute at all other times



**Shrinkwrap
Services Ltd**

SPECIALISTS IN RECONDITIONED
SHRINKWRAP EQUIPMENT. FULL
SERVICE & SPARES BACK UP

SEMI & AUTO L SEALER & TUNNELS AUTO & SEMI AUTO SLEEVE SEAL SYSTEMS

CONTACT FRANK WILKINSON or TERRY MAGUIRE
0282 695918 Fax: 0282 603326

ALSO WANTED USED SHRINK WRAP MACHINERY



APL

TIME FILLS FOR SALE

EX-DEMONSTRATION MGS
CHANGE PARTS OR SPARES

PACKAGING MACHINERY CONSULTANTS
DESIGN & MANUFACTURE
SPECIAL MACHINES AND DEVICES
MACHINES REBUILT & SUPPLIED
• GAB, GAM, AM1000 - Metal or Laminate.
• AMIAP 2000 HF Line for Laminate Tubes.
• NM 2002 Special Tube Filler.
• Tray Erector. 600 x 600mm. Up to 30 /min.
• Powder Compress Machine. T40 - 100/min.
• Produced to order - competitive prices.

APL Telephone (0482) 812825 Fax: (0482) 812825

Paper and Film Converting Machines

The leading European specialist supplier of used
converting machinery.
Buying/selling/installation/commissioning/rebuilds
mannredfern UK
Tel 0924 254445 Fax 0924 258815 Telex 566247 Manred G

ETPACK LABELLING HEADS FROM £2,890

• Step Motor
• No clutch brake
• No wear
• No servicing
Tel: (0420) 22669
Fax: (0420) 22687
SUSSEX & BERKSHIRE MACHINERY CO. LTD
Blacknest, Alton, Hants GU34 4PX

Packaging and Converting Machinery for Sale



Ropak Ltd

PACKAGING MACHIN-

THE 1 STOP SPECIALISTS FOR ALL YOUR SHRINK, SKIN & BLISTER REQUIREMENTS NEW & USED MACHINERY SUPPLIED. EXTENSIVE RANGE OF MACHINERY CURRENTLY AVAILABLE - DETAILS SUPPLIED VIA FAX ■ EQUIPMENT ALWAYS REQUIRED ■
TEL: 0274 680786 FAX: 0274 680817

NEW AUTOMATIC BOTTLING MACHINERY

For outputs from 30 BPM upwards
Rinsers, Fillers, Cappers, Wet Glue Labellers, Premix, Carbonators, Packers, Shrinkwrappers, Palletisers, and Connecting Conveyors.
Filer Cappers also available as Mono or Triblocs.
Single Machines or complete lines for all products, good value prices.

Call: Cliff Salmons
Office Ave UK Ltd., Westbrooke House,
76 High Street, Ailton, Hants, GU34 1EN.
Tel: 0420 80565 Fax: 0420 80590



USED MECO IWEMA SHRINK WRAPPERS FOR SALE FROM STOCK
Full or partial reconditioning to suit your budget requirements. The popular RA 650 in line machine always available - right angle infeed models for trayless operation on request. Contact:

MECO IWEMA LTD

Meco Iwema Ltd., 4 Phoenix Court, Everitt Close,
Dunington Estate, Wellingborough, Northants. NN8 2QE.
Tel: 0933 274141 Fax: 0933 226000

NEW & USED LABEL APPLICATORS CUSTOMISED TO YOUR REQUIREMENTS FOR SALE OR HIRE LONG TERM - SHORT TERM PHONE-FAX: 0223 230079

Fully Reconditioned Automatic Checkweighing Machines Guaranteed 6 months from installation
Service contracts optional
Contact:
D. J. Tully Electric Services
Tel: Nottingham (0800) 279755

CLASSIFIED 081 242 3156

LEWIS PACKAGING SERVICES LIMITED

Manufacturers of the new "Easy Box" short run corrugated box making machines. Also specialists in reconditioned and load cartoning machinery.
Full after sales service available.
Contact David Lewis on
Tel: 0474 333422 Fax: 0474 323848

WATER CHILLERS

★ HIRE OR BUY
★ SERVICE
★ RECONDITIONING
INDUSTRIAL COOLING SYSTEMS
NORTH (02141) 424944
SOUTH (0425) 603040

Samrose Engineering Services Ltd.
13 Harolds Road
The Pinnacles
Harlow
Essex CM19 9BJ
Tel: (0278) 421365
Fax: (0278) 421612

FULLY REBUILT AND NEW SHINKWRAP AND ANCILLARY MACHINERY AVAILABLE FULLY GUARANTEED SPARES AND SERVICE ON MOST TYPES OF SHINKWRAP AND PACKAGING MACHINERY

Offices To Let

SUPERB SIXTH FLOOR OFFICES WITH PANORAMIC VIEWS OF LONDON TO LET - 723 / 1435 SQ. FT.

LOCATION

Situated on the top floor of this prestigious block of offices opposite Habitat, Walkways and Finchley Road Underground Station (Metropolitan and Jubilee Lines).

ACCOMMODATION

Comprises the whole sixth floor of this imposing modern building with a total of 1435 sq. ft. net. Alternatively part will be made available equating to approx. 723 sq. ft. net.

AMENITIES

- Air Conditioning / Double Glazing
- Excellent WC and shower facilities
- Fitted Kitchen
- Suspended Ceilings
- Lifts / Portage (8am-5pm)
- 24 hour access
- Car parking
- Parking available

LEASE

Expires August 1997 without further rent reviews

FOR VIEWING AND FULL DETAILS PLEASE REPLY TO:
BOX NO 0864, PACKAGING NEWS, CHALK LANE, COCKFOSTERS ROAD, BARNET, HERTS, EN4 0BU

FOR SALE

SIG NSU Flowwrapper
Hilpack Panda
NEWPACK PACER
As New

New 2 Used Machinery
always required
Tel / Fax: Ron Kent
Argosy Packaging
03552 29015

FOR SALE

Fully Reconditioned
V.F.F.S. Machines
125H Converted to
pneumatics £7000
175H Converted to
Pneumatics £8500

With optional fitted units
Printers - Volumetric Fillers -
Auger Fillers - Weighers etc.
PAK AUTOMATION LTD.
Tel: 010 3531 6282824
Fax: 010 3531 6283536

U.K. VACUUM FORMING

BLISTER & SKIN PACKING
MACHINERY MANUFACTURERS
New or previously owned.
Speedy response to your
needs, coupled with 'start-up'
advice on machines,
materials, + allied equipment.

ROSSFORM LTD
Unit 4, Exwood Bridge Mill,
Haslingden, Lancashire BB4 6LB
Tel: 0765 219529 Fax: 0765 219935

Machinery Wanted

WANTED

PROCOMAC OR SIMILAR ROTARY RINSER
MINIMUM 36 HEAD SUITABLE FOR 2LT. P.E.T.
DIRECTION LEFT TO RIGHT
POST 1985
TEL: 0374 110320 FAX: 0702 217777

Labels

lancastrian labels Ltd

DESIGNERS & PRINTERS OF
SELF-ADHESIVE LABELS
100% UK PRINTED
Tel: 01524 831111 Fax: 01524 831112

COMMERCIAL PRODUCTS

PRINTERS OF SELF ADHESIVE LABELS
USING UNIQUE MACHINERY SPECIALISING
IN SHORT AND MEDIUM RUNS UP TO 6 COLOURS
COMMERCIAL LABEL PRODUCTS LTD, GREENFIELD IND. EST
BACK LANE CONGLETON CHESHIRE CV12 4TR
TEL: 0260 298320 FAX: 0260 298303

CREATIVE LABELS LIMITED

NETHERWOOD ROAD
ROTHERHAM, HEREFORD HR2 6JU
FOR IMMEDIATE
QUOTATION
TEL: (0432) 263545
FAX: (0432) 264713

LABELS

BAR CODE
Price & Sell by date - M.O.D.'s
Alpha - Numeric - Batch
24hr. SERVICE
Any quantity. No film or plate costs.
Fast & Reliable service.
Overnight / Weekends / 365 days.
Dantech 0403 218 555
Fax 0403 218 440 for instant quote

Appointments

EXECUTIVE
SEARCH AND
SELECTION
FOR THE
PACKAGING
& ALLIED
INDUSTRIES

InterCity House
91-109 Victoria Street
Bristol BS1 6AX
Tel: 0272 297051
Fax: 0272 225529

DAVID PENDLETON MANAGEMENT CONSULTANTS LIMITED

ESTABLISHED SINCE 1975, our company stands for professional recruitment services to the Packaging and Allied industries, as well as Packaging Users.
We have the most extensive experience of recruiting for these industries at all management levels and in all disciplines. Our Search Techniques are so finely developed, that uniquely, we offer targeted Search methods at most salary levels, tailored to Clients' specific needs. Of course where appropriate we also use advertising and will recommend the most appropriate method in every case.
Our consultants are available to discuss how we can help companies in these industries find the best people to fill demanding requirements.

Partners in Recruitment

Providing specialist recruitment services to companies and candidates in the National and International Packaging Industry.

Managerial Sales/Marketing Technical

Partners in Recruitment,
Suites 1 & 2,
Meadow Lane Business Park,
St Ives, Cambs PE17 4LG



Contact:
Maurice Herring, Partner
Tel: +44 (0)480 493344
Fax: +44 (0)480 493343



Recruiters to the Packaging & Print Markets
providing professional Recruitment / Search &
Selection Services to Client Companies & Career
Consultancy to Candidates Nationwide.
Specialising in assignments at all levels within
Sales, Commercial, Production, Technical &
Design.

Contact Angela McGuinness in confidence:

MCGUINNESS SEARCH & SELECTION
2 Wordsworth Road, Harpenden, Herts, AL5 4AF
TEL: 0582 460046 FACSIMILE: 0582 461666



Packaging Sales

To £22,000 + Car
For the Best
Vacancies
Nationwide
Telephone
K. P. Personnel now
on 0903 820446

PACKAGING NEWS

JOBS FAX LINE

MANAGEMENT
0839 111 771
PRODUCTION & TECHNICAL
0839 111 772
SALES
0839 111 773
Calls cost 39p a minute cheap rate and 49p a minute at all other times

PACKAGING NEWS & CONVERTING WORLD CLASSIFIED ORDER FORM

RATES: SINGLE INSERTION £24.00 PER COLUMN CENTIMETRE; 3 INSERTIONS - £21.00 PER COLUMN CENTIMETRE
6 INSERTIONS - £19.00 PER COLUMN CENTIMETRE; 12 INSERTIONS - £17.00 PER COLUMN CENTIMETRE - SPOT
COLOUR - £30.00 EXTRA

Please reserve the following space in the Classified section of PACKAGING NEWS

ADVERTISEMENT SIZE:.....

IN THE FOLLOWING ISSUE(S):.....

SECTION AD IS TO APPEAR (I.E. MACHINERY FOR SALE)

COST PER INSERTION:.....

NAME:.....

COMPANY:.....

ADDRESS:.....

TEL:.....

SIGNED.....

DATE:.....

NOT VALID UNLESS COMPLETED, SIGNED & DATED
V.A.T. at the standard rate will be added to the above prices. For more information phone or write to: Jackie Skeel Packaging News, Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet Herts. EN4 0BU TEL: 081 242 3156 Fax: 081 242 3154

PACKAGING MANAGEMENT PROFESSIONAL

Successful packaging industry specialist with broad general management experience and an acknowledged record of continuous achievement in managing international businesses (mainly Europe and USA but also Pacific rim) wishes to work with a company looking for a business builder, strategist and implementer to develop their business.

Enhancing and developing manufacturing companies through the eighties and nineties via acquisitions and disposals and the formation of joint ventures. I have the ability to achieve quick turn-around to ensure expansion on the basis of profitable growth.

With specific knowledge of bottling and high speed canning lines; the last few years have been dedicated to the development of new quality control systems including specialist contaminant detection and checkweigher programmes. My management skills, although oriented towards Sales and Marketing, are very much related to drawing the best from those around me and leading a sound, highly motivated, happy and profitable team.

If you would like to strengthen and develop your business, then please reply to:
Packaging News, Box No.2237, Maclean Hunter House,
Chalk Lane Cockfosters Road, Barnet, Herts. EN4 0BU

MACHINE OPERATOR WANTED IN LIBYA

Initial contract is for 6 months, renewable thereafter on a 6 month basis.
Required to operate a JACOB WHITE Facial Tissue Carton Machine, model: RS8610 and two Epochief Interfolder.

The vacancy begins mid October '94 and offers an attractive package consisting of:
● Full board & transportation in Libya
● Paid flights to and from England
● Full medical & European Insurance
● Salary approx. £2000 per month neg.(tax free and paid from Denmark)
● Two weeks paid vacation every 3 months.
Interviews will be held in London, so if you are interested please write with full CV together with a recent photograph to:

Dapoa AS
Gl. Kongevej 127,1
DK - 1850 Frederiksberg c
Denmark

Business For Sale

PACKAGING MATERIAL DISTRIBUTOR
N.E. based

Main Products: Self Adhesive Tape, Bubble Wrap, Pallet Wrap, Polythene.
Serving industrial outlets
Seeks offers -
Turn over £600k.

Gross profit per annum £200k.
Outstanding opportunity for Packaging Company to increase Sales & Profitability.
Replies for attention to:
Packaging News, Box No.2236,
Cockfosters Road, Chalk Lane,
Barnet, Herts. EN4 0BU

PACKAGING MACHINERY SALES

c.£20,000 + CAR
Sales of Strapping
Equipment etc.

2, North West
Scotland
Birmingham
Tel: 0903 820446

Looking for a career move?

24 HOURS A DAY
7 DAYS A WEEK!

JOBS FAX LINE

For the very latest details of vacancies, in print and packaging whether management, production and technical or sales you can save you are up to date with the Packaging News Jobs Fax Line. Just call the appropriate number below from a fax machine and you will receive a fax back of the latest vacancies.

MANAGEMENT
0839 111 771
PRODUCTION & TECHNICAL
0839 111 772
SALES
0839 111 773
Calls cost 39p a minute cheap rate and 49p a minute at all other times

PACKAGING NEWS
IF IN DIFFICULTY CALL OUR
LIVE HELPLINE ON 0432 265 003
DURING NORMAL WORKING HOURS

Appointments

An exciting opportunity now exists with Sauven for a highly motivated technical salesperson to promote their new small character inkjet printer.

Based in the North, the successful candidate will be experienced in the packaging industry, have a technical qualification and aged 25-35.

The latest inkjet printer compliments Sauven's extensive range of coding equipment which is sold worldwide.

Benefits will include a competitive salary, commission scheme, pension and 21st car.

Please apply in writing accompanied by a full C.V. and present salary details quoting ref: DS - PN10 to Personnel Dept. at the address below.



CANADA ROAD, BYFLEET, SURREY, KT14 7JX, ENGLAND

THE COMPANY.

We are a manufacturer and distributor of plastic and board packaging and storage products - based in the Midlands. We sell throughout the UK, are well established and growing rapidly, with sales of £2.5 million. We now need a sales executive to support our sales manager and take us into new market sectors, with a range of small storage containers. Test marketing has been completed and sales are already rising.

To suit to major wholesalers and large direct account customers, to develop our existing customer accounts by range and volume, extensions. To identify and exploit further sales opportunities for the company.

You will need to have a successful track record in sales, be self motivated and hard working. Numeracy and communication skills are essential, as is the capability to work closely with customers and be committed to their full satisfaction.

THE REWARDS. This is a career opportunity with promotion prospects, offering a competitive salary, company car and sales commission.

To apply, write and send your c.v. to our advisors on this appointment
Cornmill Consulting International Ltd.
23 Masons Yard, Duke Street,
St. James's,
London SW1Y 6BU

APPOINTMENTS 081 242 3156

ASSISTANT CARTON DESIGNER

S & D Cartons Ltd is a manufacturer of printed cartons. We have recently opened a new factory specialising in cartons for the food packaging industry and have 100 employees. We require an innovative carton designer. In depth knowledge of structural carton design is essential and previous use of CAD/CAM Laserpoint System desirable. Must be self motivating and able to work under pressure. Ideally a graduate with good creative skills, you must have a full concept of designing as you will be dealing with enquiries, cutting samples and eventually costing and estimating. The remuneration package includes five weeks holiday, good salary and company pension.

Apply in writing giving full details of qualifications to:
Mrs. C. Buswell, Training Officer, S & D Cartons Ltd.,
South Street, Yeovil, Somerset, BA20 1NW

APPOINTMENTS 081 242 3156

PACKAGING OPPORTUNITIES

We have many clients seeking well qualified and experienced Packaging industry professionals for a wide range of positions in industry.

In particular there are opportunities in Sales, Production, Technical and Quality Management, as well as other positions, in various parts of the UK. We would like to hear from individuals who are interested in making a sound career move at this time.

Please send a comprehensive CV and an indication of the type of position you are seeking, or telephone our office today.

David Pendleton Management Consultants Limited

SITUATION WANTED

RESULTS LED SALES & MARKETING
MANAGER SEEKS NEW TARGETS TO ACHIEVE
Personal skills - Selling; Planning & Leadership

Market Experience in Packaging, Food and Personal Care Industries

Write to:
Packaging News, Box No. 2226, Maclean Hunter House,
Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU.

STORK® bepak

Bottling & Packaging Systems

Stork Bepak is a member of the Stork Group supplying a wide range of bottling and packaging machinery to the food, spirits and allied industries. We now have a vacancy for a Sales Contract Manager to join our team.

SALES CONTRACT MANAGER

Dealing with the sales managers and our product specialists, the successful applicant will evaluate enquiries, determine machine choices, draw up quotations and finalise technical specifications with customers. The post is to be based at our Uxbridge office in Middlesex and applicants, who should be in their mid - thirties, are likely to have had both:

- Formal technical training; and
- Experience in the bottling and packaging industry. Computer literacy would also be an asset.

Remuneration includes a competitive salary, company car, health insurance and pension. Applicants should submit a full c.v. to:

The Managing Director,
Stork Amsterdam International Ltd.,
Stork House, Brook Business Centre,
Cowley Mill Road,
Uxbridge, Middlesex. UB8 2FX